



65 years

2019 EDITION

Glassware
Lab Instruments
Filter paper
Porcelain ware
Plasticware
Lab Equipment
Liquid Handling
Hygiene and Safety
Chemicals and Microbiology

Global lab supplier close to you

www.normax.pt



Dear customer,

Over the last 65 years, **Normax** has gone through a steady path of growth and development of its business.

Our commitment has been the continuous search for new technological solutions in glass transformation, product innovation and improvement; aiming for excellence in our prime objectives:

- Customer satisfaction
- Economic and financial balance

Until now, **Normax** has been developing two different yet, complementary businesses:

- In Portugal as a wide and full range distributor in the laboratory field.
- Outside Portugal the focus has been the manufacture and supply of scientific glass.

With this catalogue, the first in its history, **Normax** is changing its industrial philosophy, triggering an institutional change - to become a **Global Laboratory Supplier**.

Being the result of internal weighting and assessment versus the demands of numerous customers spread across more than 60 countries, this catalogue also beneficiates from the distribution experience in domestic market, with over 50,000 active articles in our portfolio.

Our goals are set and clear:

- To provide our partners with a win-win relationship
- To become a new reference as **Global Lab Supplier**

Finally, I would like to thank for all the involvement of our co-workers who have contributed to make this catalogue a reality.

We hope this catalogue may come to you as an intuitive tool to ease your work journeys.

Yours sincerely,

Joaquim Gomes
Managing Director



Global Lab Supplier close to you



Mission

To supply laboratory and hospital consumables assuring the satisfaction of all the involved parties.

Vision

To be recognised as a global provider of products and services of excellence.

Values

The implementation of Normax policy shall be observed in all its business activities based on the following values:

- Sustainable development
- Customer satisfaction
- Workforce satisfaction and motivation
- Social commitments
- Commitment to results

Quality assurance

The choice of the Normax's product assures the selection of a supplier, whose main priority is customer satisfaction.

Having the management system certified since 1995, Normax ensures an high level of product quality and excellent service.

From planning and raw-material purchases until final satisfaction assessment of its products and services, Normax's highly skilled technical staff keep a constant cycle of improvement and innovation



Repairing services of glass articles



Custom made glass articles



Manufacturing flexibility



Glassware cleaning

All the laboratory glassware manufactured by NORMAX can be cleaned manually or using a laboratory washing machine.

Nevertheless, to reduce erosion of the glass and graduation marks, we recommend gentle cleaning with detergents of low alkalinity at temperatures below 70°C.

Long immersion times are not recommended. All NORMAX glassware undergoes stabilizing thermal treatments at temperatures higher than 500°C. Nevertheless, we do not recommend the users to exceed the temperature of 180°C to dry volumetric instruments. Care should also be taken to avoid thermal shock.



Printing enamels

Normax uses only the best quality glasses and printing enamels.

All the graduation marks are made using amber stains or enamels tested to comply with the requirements of the international standard ISO 4794 - Laboratory glassware - Methods for assessing the chemical resistance of enamels used for colour coding and colour marking.



Batch certificate

The Normax volumetric instrument users have at their disposal the most efficient traceability system - the batch number.

Each instrument is ineffaceably marked with the production batch number. This number will match the one stated on the certificate of performance which is issued based on the inspection results (SPC).

When you receive Normax volumetric glassware you will not need to spend any further time or other resources to mark the instruments, for, we have done it already, specially for you, thanks to our advanced quality system.

NORMAX		Certificado de série Batch certificate	
Data/Date	00.00.0000	Referência/Art.no.	3.5433034
Designação/Description Bureta torneira direita macho PTFE 0,05 AS 25 ml			
Burette straight stopcock. PTFE key, w/o flared top. 0,05 AS 25 ml			
Série/Batch	000000	Unidade/Units	ml
Volumenomin/Nominal volume		Divisão/Division	0,05
Norma/Standard		Tolerância/Tolerance	0,030
Média/Meant value	000000	Desvio padrão/Standard deviation	000000

www.normax.pt

Certificado de série
Batch certificate

temperatura de 20°C.
acreditado (ISO/IEC 17025)
mais reconhecidos.
são produzidos no âmbito
desde 1995.

The standards used are calibrated by ISO/IEC 17025 accredited laboratories and are traceable to national or international recognized standards.
The products certified by this document are manufactured under a quality system certified since 1995.

Certificado ISO 9001:2015 disponível em
ISO9001:2015 certificate available at

www.normax.pt

NORMA LAB

Calibration laboratory of volumetric instruments NORMAX

Since the early days, in 1954, Normax has always been the major Portuguese manufacturer of volumetric glassware. In the 90's, NORMAX created NormaLab, an independent laboratory, answering to the market's needs for calibration of the volumetric glassware manufactured by the company.

The scope of activity was, by the end of the 90's, completed with calibration and repair of micropipettes, dispensers, digital burettes and titrators, after a series of agreements with the major European manufacturers.

The growth in the activity of Normalab led to the accreditation for the calibration of volumetric instruments in May, 2000.

Summary Scope

Volumetric Flask

$5\text{ ml} \leq V \leq 5000\text{ ml}$

Burette with piston

$0,001\text{ ml} \leq V < 50\text{ ml}$

Burette without piston

$0,5\text{ ml} \leq V < 100\text{ ml}$

Pycnometer

$1\text{ ml} \leq V \leq 5000\text{ ml}$

Graduated pipette

$0,1\text{ ml} < V \leq 50\text{ ml}$

Volumetric pipette

$0,5\text{ ml} \leq V \leq 200\text{ ml}$

Measuring cylinder

$5\text{ ml} \leq V \leq 2000\text{ ml}$

Micropipette and macropipette

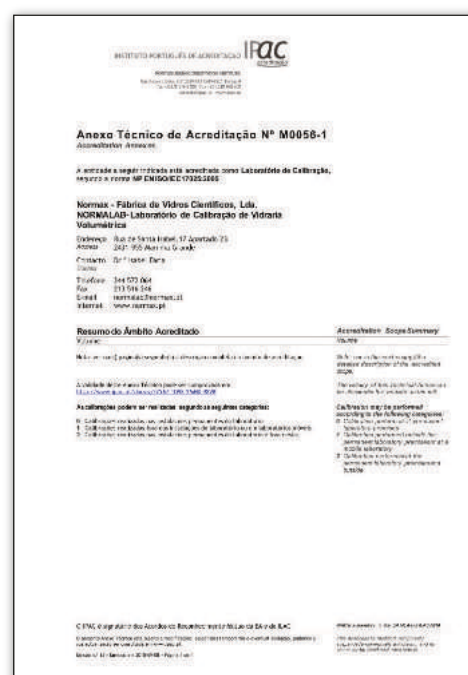
$0,1 \leq V \leq 20000\text{ }\mu\text{l}$

Dilutor and Dispenser

$1\text{ }\mu\text{l} \leq V \leq 200\text{ ml}$

Syringe and microsyringe

$1\text{ }\mu\text{l} \leq V \leq 100\text{ ml}$



Accreditation

→ Calibrations performed by Normalab are recognised internationally

→ Mutual recognition agreements available at:

<http://www.european-accreditation.org> and www.ilac.org

→ IPAC is a signatory to the Agreement of mutual recognition of EA and ILAC

→ Accreditation certificate available at www.normax.pt



Your volume metrology expert



Calibration certificate

Issued by Normalab, our independent and accredited laboratory.

The measured instrument is individually identified and this number will correspond to the calibration certificate number.

In this case, the results stated on the certificate are the values that have been obtained for each item (accreditation certificate available at www.normax.pt).

Calibration service

- Calibration methods according to international standards
- Calibration laboratory accreditation IPAC M0056
- Calibration certificates in pdf format with authenticated digital signature



NORMALAB

CALIBRATION CERTIFICATE

CERTIFICATE N° 999999

CUSTOMER INFORMATION

Your Lab: _____

Your Address: _____

INSTRUMENT INFORMATION

Volume of flask: _____

Model: _____

Material: _____

Serial: _____

Class: _____

Quantity: _____

STANDARDS USED

Standard: _____

Standard: _____

Standard: _____

Standard: _____

TRACEABILITY

Standard: _____

Standard: _____

Standard: _____

Standard: _____

ENVIRONMENTAL CONDITIONS

Temperature: _____

Relative humidity: _____

Barometric pressure: _____

RESULTS

Value	Measured value	Expanded uncertainty	Corrected value	U	k	ref
50	49.992	0.016	0.024	0.008	19	2.00 30

CALIBRATED BY _____

DATE OF CALIBRATION 08-20-18

DATE OF CERTIFICATE 13-03-18

NORMALAB

Lab. for calibration and metrology services

Address: _____

Phone: _____

Email: _____

Website: www.normax.pt



“If it’s glass, we can do it!”

**Joaquim Manuel Gomes,
NORMAX founder**



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NORMAX



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Volumetric glassware



Blue printing with high resistance, tested according to ISO 4794.

Batch
Certificate

ISO
1042

BORO
3.3

Volumetric flask Class A with plastic stopper

Blue printing. Graduated to contain.

Reference	Capacity (ml)	Tolerance $\pm$ (ml)	Standard joint (NS)	Pack unit
3168607	5	0,025	7/16	1
3168606	5	0,040	10/19	1
3168608	10	0,025	7/16	2
3168609	10	0,040	10/19	2
3168611	20	0,060	12/21	2
3168612	20	0,040	10/19	2
3168614	25	0,040	10/19	2
3168615	25	0,060	12/21	2
3168617	50	0,060	12/21	2
3168618	50	0,100	14/23	2
3168624	100	0,100	12/21	2
3168626	100	0,100	14/23	2
3168627	150	0,150	14/23	2
3168632	200	0,150	14/23	2
3168636	250	0,150	14/23	2
3168637	300	0,150	14/23	2
3168638	400	0,250	19/26	2
3168644	500	0,250	19/26	2
3168654	1000	0,400	24/29	2
3168663	2000	0,600	29/32	2
3168673	5000	1,200	34/35	1



The amber printing enamel used is highly resistant, prepared for the most demanding conditions.

Batch
Certificate

ISO
1042

BORO
3.3

Volumetric flask Class A with plastic stopper

Amber printing. Graduated to contain.

Reference	Capacity (ml)	Tolerance $\pm$ (ml)	Standard joint (NS)	Pack unit
3188807	5	0,025	7/16	1
3188806	5	0,040	10/19	1
3188808	10	0,025	7/16	2
3188809	10	0,040	10/19	2
3188810	15	0,040	10/19	2
3188811	20	0,060	12/21	2
3188812	20	0,040	10/19	2
3188814	25	0,040	10/19	2
3188815	25	0,060	12/21	2
3188817	50	0,060	12/21	2
3188818	50	0,100	14/23	2
3188824	100	0,100	12/21	2
3188826	100	0,100	14/23	2
3188827	150	0,150	14/23	2
3188832	200	0,150	14/23	2
3188836	250	0,150	14/23	2
3188837	300	0,150	14/23	2
3188838	400	0,250	19/26	2
3188844	500	0,250	19/26	2
3188854	1000	0,400	24/29	2
3188863	2000	0,600	29/32	2
3188873	5000	1,200	34/35	1



Volumetric flasks to deliver are available upon request



Volumetric flask Class A with plastic stopper

White printing. Graduated to contain

Reference	Capacity (ml)	Tolerance $\pm$ (ml)	Standard joint (NS)	Pack unit
3188607	5	0,025	7/16	1
3188606	5	0,040	10/19	1
3188608	10	0,025	7/16	2
3188609	10	0,040	10/19	2
3188610	15	0,040	10/19	2
3188611	20	0,060	12/21	2
3188612	20	0,040	10/19	2
3188614	25	0,040	10/19	2
3188615	25	0,060	12/21	2
3188617	50	0,060	12/21	2
3188618	50	0,100	14/23	2
3188624	100	0,100	12/21	2
3188626	100	0,100	14/23	2
3188627	150	0,150	14/23	2
3188632	200	0,150	14/23	2
3188636	250	0,150	14/23	2
3188637	300	0,150	14/23	2
3188638	400	0,250	19/26	2
3188644	500	0,250	19/26	2
3188654	1000	0,400	24/29	2
3188663	2000	0,600	29/32	2



Batch Certificate

ISO 1042

BORO 3.3

Volumetric flask Class A with plastic stopper, USP

White/blue printing. Graduated to contain

Amber glass	Clear glass	Capacity (ml)	Tolerance $\pm$ (ml)	Standard joint (NS)	Pack unit
3188607U	3168607U	5	0,02	7/16	1
3188606U	3168606U	5	0,02	10/19	1
3188608U	3168608U	10	0,02	7/16	2
3188609U	3168609U	10	0,02	10/19	2
3188610U	3168610U	15	0,04	10/19	2
3188611U	3168611U	20	0,03	12/21	2
3188612U	3168612U	20	0,03	10/19	2
3188614U	3168614U	25	0,03	10/19	2
3188615U	3168615U	25	0,03	12/21	2
3188617U	3168617U	50	0,05	12/21	2
3188618U	3168618U	50	0,1	14/23	2
3188624U	3168624U	100	0,08	12/21	2
3188626U	3168626U	100	0,08	14/23	2
3188627U	3168627U	150	0,15	14/23	2
3188632U	3168632U	200	0,10	14/23	2
3188636U	3168636U	250	0,12	14/23	2
3188637U	3168637U	300	0,15	14/23	2
3188638U	3168638U	400	0,15	19/26	2
3188644U	3168644U	500	0,20	19/26	2
3188654U	3168654U	1000	0,30	24/29	2
3188663U	3168663U	2000	0,50	29/32	2
—	3168673U	5000	1,25	34/35	1



Batch Certificate

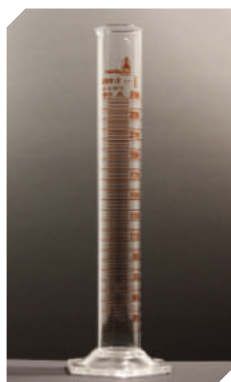
USP

BORO 3.3



Measuring Cylinder General Information

- Class A
- Manufactured with borosilicate 3.3 glass
- Graduated to contain (In)
- Works certificate available on request
- Available calibration certificate by NormaLab ISO 17025 accredited laboratory



The amber printing ink used is highly resistant, prepared for the most demanding conditions.

Batch
Certificate

ISO
4788

BORO
3.3

Measuring cylinder Class A with glass hexagonal base and spout

Available in white printing

Amber printing	Blue printing	Capacity (ml)	Division (ml)	Tolerance ± (ml)	Pack unit
5139607	5149607	5	0,1	0,05	2
5139608	5149608	10	0,2	0,1	2
5139614	5149614	25	0,5	0,25	2
5139617	5149617	50	1	0,5	2
5139624	5149624	100	1	0,5	2
5139636	5149636	250	2	1	2
5139644	5149644	500	5	2,5	1
5139654	5149654	1000	10	5	1
5139663	5149663	2000	20	10	1



Blue printing with high resistance, according to ISO 4794

Batch
Certificate

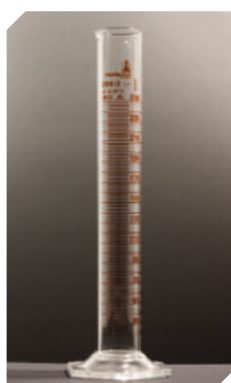
ISO
4788

BORO
3.3

Measuring cylinder Class A with glass hexagonal base and plastic stopper

Blue printing. Available in white printing

Reference	Capacity (ml)	Division (ml)	Tolerance ± (ml)	Standard joint (NS)	Pack unit
5181807	5	0,1	0,05	10/19	2
5181808	10	0,1	0,05	10/19	2
5181814	25	0,25	0,10	14/23	2
5181817	50	0,5	0,25	19/26	2
5181824	100	0,5	0,5	24/29	2
5181836	250	1	1	29/32	2
5181844	500	2,5	2,5	34/35	1
5181854	1000	5	5	45/40	1
5181863	2000	20	10	45/40	1



Batch
Certificate

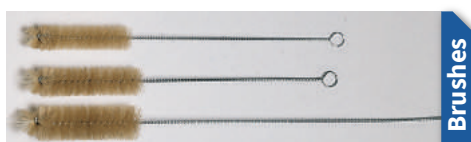
USP

BORO
3.3

Measuring cylinder Class A with glass hexagonal base and spout, USP

Amber printing. Available in white printing

Reference	Capacity (ml)	Division (ml)	Tolerance ± (ml)	Pack unit
5139607U	5	0,1	0,05	2
5139608U	10	0,2	0,10	2
5139614U	25	0,5	0,25	2
5139617U	50	1	0,5	2
5139624U	100	1	0,5	2
5139636U	250	2	1	2
5139644U	500	5	2,5	1
5139654U	1000	10	5	1
5139663U	2000	20	10	1



YOU MAY ALSO LIKE

→ Brushes for:

- Cylinders, flasks, test tubes etc. 20 to 32 mm Ø. (ref. S1001148)
- Erlenmeyer, test tubes, flasks etc. 25 to 45 mm Ø. (ref. S1001149)
- Flasks, Erlenmeyer, test tubes etc. 35 to 80 mm Ø. (ref. S1001150)

Capacity (ml)	Division (ml)	Colour stripe ID	Length(± 10) (mm)	Tol.(±) Class A/AS (ml)	Tol.(±) Class B (ml)	Pack Unit
0,1	0,01	1 white	360	0,006	0,01	5
0,2	0,01	1 black	360	0,006	0,01	5
0,5	0,01	2 yellow	360	0,006	0,01	5
1	0,01	1 yellow	360	0,007	0,01	5
1	0,1	1 red	360	0,007	0,01	5
2*	0,01	2 white	360	0,01	0,02	5
2	0,02	1 black	360	0,01	0,02	5
2	0,1	1 green	360	0,01	0,02	5
5	0,05	1 red	360	0,03	0,05	5
5	0,1	1 blue	360	0,03	0,05	5
10	0,1	1 orange	360	0,05	0,1	5
20	0,1	2 yellow	360	0,1	0,2	5 4 **
25	0,1	1 white	395	0,1	0,2	5 4 **
25	0,2	1 green	395	0,1	0,2	5 4 **
50*	0,1	2 orange	635	0,25	0,5	5 4 **
50*	0,2	1 black	635	0,25	0,5	5 4 **

*in addition to ISO **quantity per box with safety bulb

Product with batch certificate. Works certificate available on request.
You can also request a calibration certificate provided by [NormaLab](#) ISO 17025 accredited laboratory.

Graduated Pipette Technical Data

- The graduated pipettes, total delivery, class AS, are available with specified waiting time of 5s, manufactured to delivery (EX + 5s)
- Other capacities and scale divisions are available, upon request (see table)
- All Normax graduated pipettes have colour code identification bands according to ISO 1769.
- Manufactured from clear glass which resistance meets at least HGB3 according to ISO 719.
- Schellbach stripe is available for better reading accuracy.
- Safety bulb available.

Graduated pipette Class AS, type 3

Amber printing. Total delivery, zero at the top

Reference	Capacity (ml)	Division (ml)	Tolerance ± (ml)	Delivery time	Pack unit
5455305	0,5	0,01	0,006	4 - 10	5
5455311	1	0,01	0,007	4 - 10	5
5455311F	1	0,1	0,007	4 - 10	5
5455316*	2	0,01	0,01	-	5
5455316F	2	0,10	0,01	4 - 10	5
5455324	5	0,05	0,03	7 - 13	5
5455324F	5	0,1	0,03	7 - 13	5
5455329	10	0,1	0,05	7 - 13	5
5455332	20	0,1	0,1	11 - 17	5
5455334	25	0,1	0,1	11 - 17	5
5455336*	25	0,2	0,1	-	5
5455338*	50	0,1	0,25	-	5

*in addition to ISO



Graduated pipette Class A, type 3

Amber and blue printing. Total delivery, zero at the top

Blue printing	Amber printing	Capacity (ml)	Division (ml)	Tolerance ± (ml)	Delivery time	Pack unit
5454301**	5434301**	0,1	0,01	0,006	1 - 3	5
5454303**	5434303**	0,2	0,01	0,006	1 - 4	5
5454305*	5434305*	0,5	0,01	0,006	-	5
5454311	5434311	1	0,01	0,007	5 - 7	5
5454311F	5434311F	1	0,10	0,007	5 - 7	5
5454316*	5434316*	2	0,01	0,010	-	5
5454317	5434317	2	0,02	0,010	6 - 9	5
5454316F	5434316F	2	0,10	0,010	6 - 9	5
5454324	5434324	5	0,05	0,030	8 - 11	5
5454324F	5434324F	5	0,10	0,030	8 - 11	5
5454329	5434329	10	0,1	0,05	10 - 13	5
5454332*	5434332*	20	0,1	0,1	-	5
5454334	5434334	25	0,1	0,1	11 - 16	5
5454338*	5434338*	50	0,1	0,25	-	5
5454339*	5434339*	50	0,2	0,25	-	4

*in addition to ISO ** in addition to ISO and graduated to contain



Batch
CertificateISO
835SODA
LIME

Graduated pipette Class AS, type 3

Amber printing. Total delivery, zero at the top

Reference	Capacity (ml)	Division (ml)	Tolerance $\pm$ (ml)	Delivery time	Pack unit
5414311	1	0,01	0,007	4 \ 10	5
5414317	2	0,02	0,010	4 \ 10	5
5414324	5	0,05	0,030	7 \ 13	5
5414329	10	0,1	0,05	7 \ 13	5
5414332	20	0,1	0,1	11 \ 17	5
5414334	25	0,1	0,1	11 \ 17	5
5414336	25	0,2	0,1	--	5
5414338	50	0,1	0,25	--	5

Volumetric Pipettes General information

- Class AS - Faster delivery with 5s waiting time, according to ISO
- Graduated to deliver (EX)
- All Normax volumetric pipettes have a colour code identification stripe according to ISO 1769
- Works certificate available on request
- Available calibration certificate by NormaLab ISO 17025 accredited laboratory

Batch
CertificateISO
648SODA
LIME

Volumetric pipette Class A, one/two marks

Blue printing

Reference one mark	Reference two marks	Capacity (ml)	Tolerance $\pm$ (ml)	Stripe colour ID	Pack unit
3433701	3433801	1	0,008	1 blue	5
3433702	3433802	2	0,010	1 orange	5
3433704*	3433804*	2,5	0,012	orange	5
3433703*	3433803*	3	0,015	1 black	5
3433705*	3433805*	4	0,015	2 red	5
3433707	3433807	5	0,015	1 white	5
3433706*	3433806*	6	0,015	2 orange	5
3433713*	3433813*	7	0,02	2 green	5
3433711*	3433811*	8	0,02	1 blue	5
3433718*	3433818*	9	0,02	1 black	5
3433708	3433808	10	0,02	1 red	5
3433710*	3433810*	11	0,02	orange	5
3433709*	3433809*	15	0,03	1 green	5
3433712	3433812	20	0,03	1 yellow	5
3433714	3433814	25	0,03	1 blue	5
3433715*	3433815*	30	0,03	1 black	4
3433716*	3433816*	40	0,05	1 white	2
3433717	3433817	50	0,05	1 red	2
3433724	3433824	100	0,08	1 yellow	2
—	3433836*	200	0,15	1 blue	2

*in addition to ISO



Pipette filler

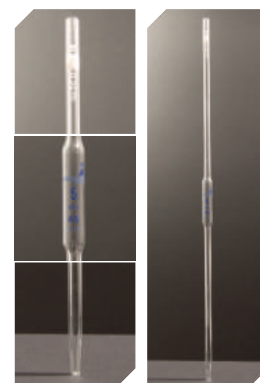
YOU MAY ALSO LIKE:

- Pipette filler with 3 valves
(ref. V104199)
(from 10 ml up to 100 ml)

Volumetric pipette Class AS, one mark

Blue printing

Reference	Capacity (ml)	Division (ml)	Stripe colour ID	Pack unit
3433901	1	0,008	1 blue	5
3433902	2	0,01	1 orange	5
3433907	5	0,015	orange	5
3433908	10	0,02	1 black	5
3433914	25	0,03	2 red	5
3433917	50	0,05	1 white	2
3433924	100	0,08	2 orange	2



Batch Certificate

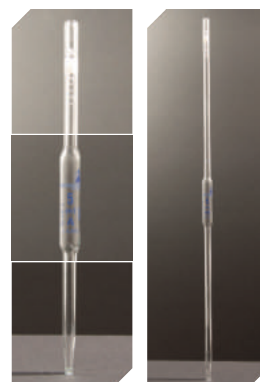
ISO 648

SODA LIME

Volumetric pipette USP, one mark

Blue printing

Reference	Capacity (ml)	Division (ml)	Stripe colour ID	Pack unit
3433701U	1	0,008	1 blue	5
3433702U	2	0,010	1 orange	5
3433703U	3	0,015	1 black	5
3433705U	4	0,015	2 red	5
3433707U	5	0,015	1 white	5
3433706U	6	0,015	2 orange	5
3433713U	7	0,02	2 green	5
3433711U	8	0,02	1 blue	5
3433718U	9	0,02	1 black	5
3433708U	10	0,02	1 red	5
3433710U	11	0,02	orange	5
3433709U	15	0,03	1 green	5
3433712U	20	0,03	1 yellow	5
3433714U	25	0,03	1 blue	5
3433715U	30	0,03	1 black	4
3433717U	50	0,05	1 red	2
3433724U	100	0,08	1 yellow	2
3433736U	200	0,1	1 blue	2



Batch Certificate

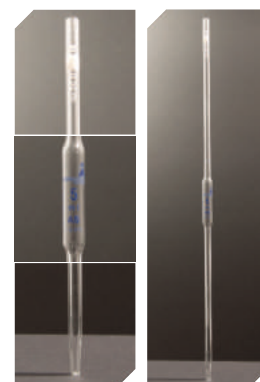
ISO 648

SODA LIME

Volumetric pipette Class AS, two marks

Blue printing

Reference	Capacity (ml)	Division (ml)	Stripe colour ID	Pack unit
3434019	0,5	0,005	1 black	5
3434001	1	0,008	1 blue	5
3434002	2	0,010	2 orange	5
3434004*	2,5	0,012	orange	5
3434007	5	0,015	1 white	5
3434006*	6	0,015	2 orange	5
3434013*	7	0,02	2 green	5
3434011*	8	0,02	1 blue	5
3434008	10	0,02	1 red	5
3434014	25	0,03	1 blue	5
3434017	50	0,05	1 red	2
3434024	100	0,08	1 yellow	2



Batch Certificate

ISO 648

SODA LIME

*In addition to ISO

Burette General Information

- Available with Schellbach stripe for best reading accuracy
- Available class B burettes without waiting time
- We sell special lubricant for the stopcocks
- Graduated to deliver (EX)
- Works certificate available on request
- Available calibration certificate by NormaLab ISO 17025 accredited laboratory

Batch
CertificateISO
385BORO
3.3

Burette Class AS, straight glass stopcock

Blue printing. Waiting time 30s.

Normal	Flared top	Capacity (ml)	Division (ml)	Tolerance $\pm$ (ml)	Delivery time	Pack unit
5432829	5472829	10	0,05	0,02	45-60	1
5432834	5472834	25	0,05	0,03	35-55	1
5432833	5472833	25	0,1	0,05	25-45	1
5432836	5472836	50	0,1	0,05	30-50	1
5432839	5472839	100	0,2	1	30-50	1

Batch
CertificateISO
385BORO
3.3

Burette Class AS, straight PTFE stopcock

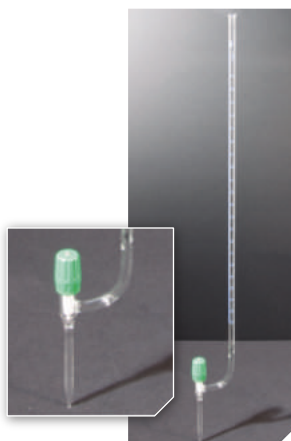
Blue printing. Waiting time 30s.

Normal	Flared top	Capacity (ml)	Division (ml)	Tolerance $\pm$ (ml)	Delivery time	Pack unit
5433029	5473029	10	0,05	0,02	45-60	1
5433034	5473034	25	0,05	0,03	35-55	1
5433033	5473033	25	0,1	0,05	25-45	1
5433036	5473036	50	0,1	0,05	30-50	1
5433039	5473039	100	0,2	1	30-50	1

ALSO AVAILABLE:



- Straight stopcock
- PTFE needle-valve
- Class AS
- ISO 385
- Blue printing
- Borosilicate 3.3
- Waiting time 30s



- Lateral stopcock
- PTFE needle-valve
- Class AS
- ISO 385
- Blue printing
- Borosilicate 3.3
- Waiting time 30s



- PTFE glass key for lateral stopcock

Automatic Burette General Information

- Available with Schellbach stripe for best reading accuracy
- With automatic zero point
- Without reservoir bottle
- Special stopcock lubricant available
- Graduated to deliver (EX)
- Works certificate available on request
- Available calibration certificate by NormaLab ISO 17025 accredited laboratory

Automatic Burette Class AS, two-way PTFE key

Blue printing. Waiting time 30s.

Reference	Capacity (ml)	Division (ml)	Pack unit
3450227	10	0,05	1
3450233	25	0,1	1
3450236	50	0,1	1
2450239	100	0,2	1



Batch Certificate

ISO 385

BORO 3.3

Automatic Burette Class AS, according to Dr.Schilling

No certificate of performance available

Reference	Capacity (ml)	Division (ml)	Flask cap. (ml)	Pack unit
3086922	10	0,05	500	1
3086927	15	0,1	500	1
3086933	25	0,1	1000	1
3086936	50	0,2	1000	1



Batch Certificate

ISO 385

BORO 3.3

Automatic Burette Class AS, two-way glass key

White printing, amber glass

Reference	Capacity (ml)	Division (ml)	Tolerance $\pm$ (ml)	Pack unit
3441827	10	0,05	0,2	1
3441834	25	0,05	0,3	1
3441833	25	0,1	0,5	1
3441836	50	0,1	0,5	1



Batch Certificate

ISO 385

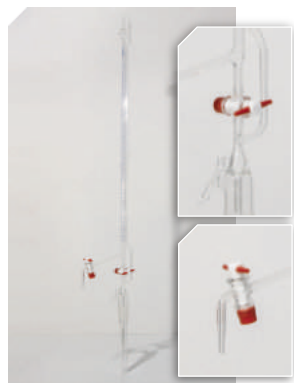
BORO 3.3

Batch
CertificateISO
385BORO
3.3

Automatic Burette Class AS, two glass stopcocks

Blue printing

Reference	Capacity (ml)	Division (ml)	Tolerance ± (ml)	Pack unit
3431827	10	0,05	0,2	1
3431834	25	0,05	0,3	1
3431833	25	0,1	0,5	1
3431836	50	0,1	0,5	1

Batch
CertificateISO
385BORO
3.3

Automatic Burette Class AS, two PTFE stopcocks

Blue printing

Reference	Capacity (ml)	Division (ml)	Tolerance ± (ml)	Pack unit
3451827	10	0,05	0,2	1
3451834	25	0,05	0,3	1
3451833	25	0,1	0,5	1
3451836	50	0,1	0,5	1

SODA
LIME

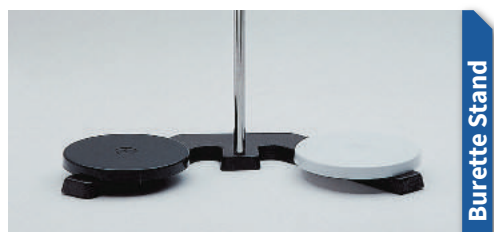
Bottle for burette

Reference	Capacity (ml)	Glass colour	Pack unit
4043363N	2000	Amber	1
4043463N	2000	Clear	1

YOU MAY ALSO LIKE:

→ Burette stand, Ø 10 x h. 600 (ref. S6000117)

→ Swivel clamp, Ø 12 to 45 (ref. S7000141)



Burette Stand



Swivel clamp

General laboratory glassware

Desiccator sealing ring with stopcock

Reference	Size (mm)	Plate	Pack unit
4906019W	150	—	1
4906031W	250	—	1
49060191W	150	porcelain	1
49060311W	250	porcelain	1
49060192W	150	metal	1
49060312W	250	metal	1



SODA
LIME

Desiccator with stopcock

Reference	Size (mm)	Plate	Pack unit
4906019	150	—	1
4906024	200	—	1
4906031	250	—	1
4906034	300	—	1
49060191	150	porcelain	1
49060241	200	porcelain	1
49060311	250	porcelain	1
49060341	300	porcelain	1
49060192	150	metal	1
49060242	200	metal	1
49060312	250	metal	1
49060342	300	metal	1



SODA
LIME

Desiccator with knobbed lid

Reference	Size (mm)	Plate	Pack unit
4906119	150	—	1
4906124	200	—	1
4906131	250	—	1
4906134	300	—	1
49061191	150	porcelain	1
49061241	200	porcelain	1
49061311	250	porcelain	1
49061341	300	porcelain	1
49061192	150	metal	1
49061242	200	metal	1
49061312	250	metal	1
49061342	300	metal	1



SODA
LIME

SODA
LIME

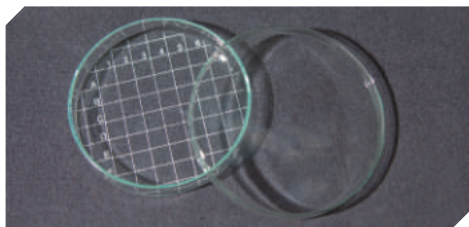
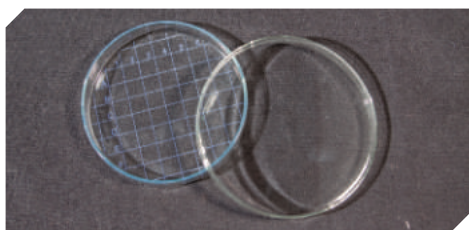
Desiccator with rotating sleeve valve

Reference	Size (mm)	Plate	Pack unit
4906519	150	—	1
4906524	200	—	1
4906531	250	—	1
4906534	300	—	1
49065191	150	porcelain	1
49065241	200	porcelain	1
49065311	250	porcelain	1
49065341	300	porcelain	1
49065192	150	metal	1
49065242	200	metal	1
49065312	250	metal	1
49065342	300	metal	1

SODA
LIMEDIN
12341BORO
3.3

Watch glass with glazed rims

Soda-lime glass	Boro 3.3 glass	Outside Ø (mm)	Pack unit
4132124	4142124	40	10
4132132	4142132	50	10
4132134	4142134	60	10
4132136	4142136	70	10
4132141	4142141	80	10
4132144	4142144	90	10
4132146	4142146	100	10
4132150	4142150	120	10
4132152	4142152	125	10
4132157	4142157	150	10
4132161	4142161	200	10
4132166	4142166	250	10

SODA
LIME

Petri dish with colour counting grid

Available in other colours

White grid	Blue grid	Ø x height (mm)	Pack unit
50585411	50585412	15 x 60	30
50585431	50585432	15 x 80	36
50585461	50585462	15 x 90	36
50585441	50585442	10 x 100	36
50585451	50585452	15 x 100	36
50585481	50585482	20 x 100	36
50585501	50585502	20 x 120	72
50585581	50585582	25 x 150	36
50585591	50585592	30 x 180	6
50585601	50585602	30 x 200	6
50585611	50585612	50 x 200	6

Petri dish

Reference	Ø x height (mm)	Pack unit
5058501	12 x 40	40
5058541	15 x 60	30
5058543	15 x 80	36
5058546	15 x 90	36
5058544	10 x 100	36
5058545	15 x 100	36
5058548	20 x 100	36
5058550	20 x 120	72
5058558	25 x 150	36
5058559	30 x 180	6
5058560	30 x 200	6
5058561	50 x 200	6


SODA
LIME

Petri dish borosilicate 3.3

Reference	Ø x height (mm)	Pack unit
5058641	15 x 60	28
5058643	15 x 80	36
5058646	15 x 90	36
5058645	15 x 100	36
5058648	20 x 100	30
5058650	20 x 120	68
5058658	25 x 150	36
5058659	30 x 180	6
5058660	30 x 200	5
5058661	50 x 200	5

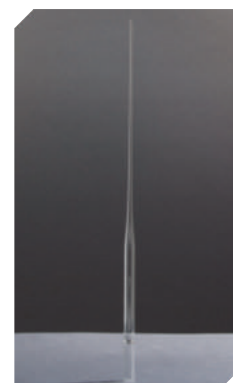


121°C

BORO
3.3

Pasteur pipette

Reference	Outside Ø (mm)	Length (mm)	Tip	Pack unit
5426015	6,5-8	145-150	open	250
5426023	6,5-8	225-230	open	250
5426027	6,5-8	270	open	250
5426015F	6,5-8	145-150	closed	250
5426023F	6,5-8	225-230	closed	250
5426027F	6,5-8	270	closed	250


SODA
LIME

Pasteur pipette cotton plugged

Reference	Outside Ø (mm)	Length (mm)	Tip	Pack unit
5426015C	6,5-8	145-150	open	250
5426023C	6,5-8	225-230	open	250
5426027C	6,5-8	270	open	250
5426015CC	6,5-8	145-150	closed	250
5426023CC	6,5-8	225-230	closed	250
5426027CC	6,5-8	270	closed	250


SODA
LIME



BORO
3.3

Separating funnel with conical shape

Reference	Feature	Capacity (ml)	Standard joint (NS)	Bore	Pack unit
44108	glass key	50	19/26	2,5	1
44103	glass key	100	19/26	2,5	1
44104	glass key	250	29/32	4	1
44105	glass key	500	29/32	4	1
44106	glass key	1000	29/32	6	1
44113	glass key	2000	29/32	6	1
44808	PTFE key	50	19/26	2,5	1
44803	PTFE key	100	19/26	2,5	1
44804	PTFE key	250	29/32	4	1
44805	PTFE key	500	29/32	4	1
44806	PTFE key	1000	29/32	6	1
44813	PTFE key	2000	29/32	6	1
45112	PTFE needle-valve	1000	24/29	6	1
45113	PTFE needle-valve	2000	29/32	6	1



ISO
3819

BORO
3.3

Beaker with spout, tall form

Graduated. Available with double scale

Reference	Capacity (ml)	Pack unit
2111614N	25	10
2111617N	50	10
2111624N	100	10
2111629N	150	10
2111636N	250	10
2111641N	400	10
2111648N	600	10
2111653N	800	10
2111654N	1000	10
2111663N	2000	10
2111668N	3000	1



ISO
3819

BORO
3.3

Beaker with spout, low form

Graduated. Available with double scale

Reference	Capacity (ml)	Pack unit
2110107N	5	10
2110108N	10	10
2110614N	25	10
2110617N	50	10
2110624N	100	10
2110629N	150	10
2110636N	250	10
2110641N	400	10
2110648N	600	10
2110653N	800	10
2110654N	1000	10
2110663N	2000	10
2110668N	3000	1
2110673N	5000	1
2110686N	10000	1

Conical pressed measuring flask, raised scale

Reference	Capacity (ml)	Pack unit
4010114	25	1
4010117	50	1
4010120	60	1
4010124	100	1
4010121	125	1
4010136	250	1
4010144	500	1



SODA
LIME

Erlenmeyer flask with wide neck

Graduated

Reference	Capacity (ml)	Pack unit
2122614N	25	15
2122617N	50	10
2122624N	100	10
2122636N	250	10
2122644N	500	10
2122654N	1000	10
2122663N	2000	10



BORO
3.3

Erlenmeyer flask with narrow neck

Graduated

Reference	Capacity (ml)	Pack unit
2121614N	25	10
2121617N	50	10
2121624N	100	10
2121636N	250	10
2121644N	500	10
2121654N	1000	10
2121663N	2000	10
2121668N	3000	1
2121673N	5000	1



ISO
1773

BORO
3.3

YOU MAY ALSO LIKE:

→ **Magnetic stirring bars**
(ref. 719753)
(available in multiple sizes)

→ **Normax Magnetic stirrer with heating**
(ref. NX10000-01073)
(other models and equipment available)



Stirring bars



Magnetic stirrer

ISO
4797BORO
3.3

Erlenmeyer flask with standard joint

Graduated. Add "T" to the reference to include a PE-HD stopper.

Reference	Capacity (ml)	Standard joint (NS)	Pack unit
47104	25	14/23	10
47105	25	19/26	10
47106	50	14/23	10
47107	50	19/26	10
47108	50	24/29	10
47109	100	14/23	10
47110	100	19/26	10
47111	100	24/29	10
47112	100	29/32	10
47115	200	29/32	10
47116	250	19/26	10
47117	250	24/29	10
47118	250	29/32	10
47127	300	29/32	10
47119	500	19/26	10
47120	500	24/29	10
47121	500	29/32	10
47122	1000	24/29	10
47123	1000	29/32	10
47124	1000	34/35	10
47125	2000	29/32	10
47126	2000	34/35	10



Red screw-cap with heat resistance up to 180°C

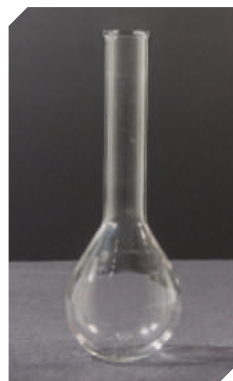
ISO
4796BORO
3.3

180 °C

Erlenmeyer flask with screw-cap

Graduated.

Reference	Capacity (ml)	Standard joint (NS)	Pack unit
21803245	100	25	1
21803365	250	32	1
21803445	500	32	1
21803545	1000	32	1

DIN
12360BORO
3.3

Kjeldahl flask

Without standard ground joint

Reference	Capacity (ml)	Pack unit
2123117N	50	1
2123124N	100	1
2123136N	250	1
2123144N	500	1
2123154N	1000	1

With standard ground joint

Reference	Capacity (ml)	Standard joint (NS)	Pack unit
47401	50	19/26	1
47402	100	19/26	1
47403	100	24/29	1
47404	250	24/29	1
47409	500	19/26	1
47405	500	24/29	1
47406	500	29/32	1
47408	1000	29/32	1

Flat bottom flask

Wide neck

Reference	Capacity (ml)	Pack unit
2173117N	50	1
2173124N	100	1
2173136N	250	1
2173144N	500	1
2173154N	1000	1
2173163N	2000	1

Narrow neck

Reference	Capacity (ml)	Pack unit
2171117N	50	10
2171124N	100	10
2171136N	250	10
2171144N	500	10
2171154N	1000	10
2171163N	2000	10
2171171N	4000	1
2171176N	6000	1
2171186N	10000	1


ISO
1773

BORO
3.3

Round bottom flask

Narrow neck

Reference	Capacity (ml)	Pack unit
2172117N	50	10
2172124N	100	10
2172136N	250	10
2172144N	500	10
2172154N	1000	10
2172163N	2000	10
2172171N	4000	1
2172176N	6000	1
2172186N	10000	1
2172191N	20000	1


ISO
1773

BORO
3.3

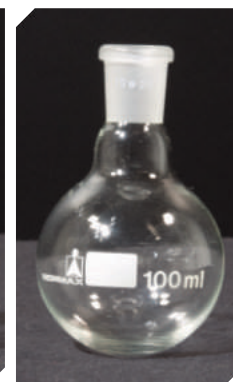
Flask with standard ground joint

Flat bottom

Reference	Capacity (ml)	Standard joint (NS)	Pack unit
47001	50	19/26	1
47002	50	24/29	1
47003	100	19/26	1
47004	100	24/29	1
47005	100	29/32	1
47006	250	19/26	1
47007	250	24/29	1
47008	250	29/32	1
47009	500	24/29	1
47010	500	29/32	1
47012	1000	24/29	1
47013	1000	29/32	1
47015	2000	29/32	1
47016	2000	34/35	1

Round bottom

Reference	Capacity (ml)	Standard joint (NS)	Pack unit
46803	25	14/23	1
46804	25	19/26	1
46805	25	24/29	1
46806	50	14/23	1
46807	50	19/26	1
46808	50	24/29	1
46824	50	29/32	1
46809	100	14/23	1
46810	100	19/26	1
46811	100	24/29	1
46812	100	29/32	1
46813	250	19/26	1
46814	250	24/29	1
46820	1000	29/32	1
46821	1000	34/35	1
46822	2000	29/32	1
46823	2000	34/35	1


ISO
1773

BORO
3.3

ISO
4796BORO
3.3

Distilling flask Engler

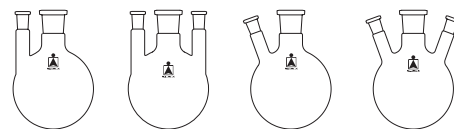
Narrow neck

Reference	Capacity (ml)	Pack unit
3124317	50	1
3124324	100	1
3124336	250	1
3124344	500	1
3124354	1000	1

Available with:

→ 2 or 3 parallel necks (ref. 46301, 46101)

→ 2 or 3 angled necks (ref. 46401, 46201)

DIN
12338BORO
3.3

Crystallising dish borosilicate 3.3

Narrow neck

With spout	Without spout	Capacity (ml)	Ø x height (mm)	Pack unit
2131124	2131324	20	40 x 25	10
2131132	2131332	40	50 x 30	10
2131134	2131334	60	60 x 35	10
2131138	2131338	100	70 x 40	10
2131141	2131341	150	80 x 45	10
2131144	2131344	300	95 x 55	10
2131149	2131349	500	115 x 65	10
2131154	2131354	900	140 x 75	10
2131159	2131359	2000	190 x 90	10
2131163	2131363	3500	230 x 100	10

BORO
3.3

Kipp dispenser NS 29/32

Automatic. 1 litre bottle in soda-lime glass.

Reference	Capacity (ml)	Pack unit
3030101	1	1
3030102	2	1
3030107	5	1
3030108	10	1
3030111	15	1
3030112	20	1
3030114	25	1
3030117	50	1
3030124	100	1

SODA
LIME

Mortar with spout and glass pestle

Reference	Capacity (ml)	Ø size (mm)	Pack unit
4054117	50	60	1
4054124	100	80	1
4054136	250	100	1
4054144	500	120	1
4054154	1000	150	1
4054163	2000	180	1

Separating chamber for chromatography

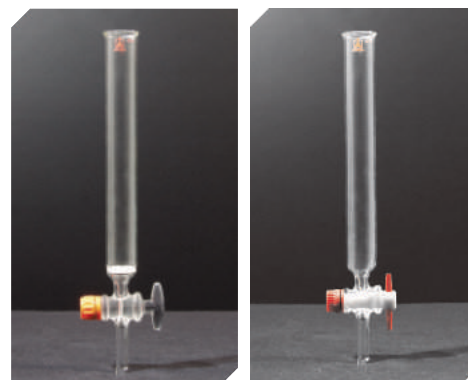
Reference	Feature	Pack unit
4431100	1 with grooves - 200 x 200 mm	1
4431201	2 without grooves - 100 x 100 mm	1
4431200	2 without grooves - 200 x 200 mm	1


SODA
LIME

Chromatography column, with glass/PTFE stopcock

Available with sintered glass-disc: add the required porosity to the reference

Reference Glass	Reference PTFE	Internal Ø (mm)	Eff. length (mm)	Pack unit
3437000	3447000	10	100	1
3437001	3447001	10	200	1
3437009	3447009	15	200	1
3437003	3447003	15	400	1
3437002	3447002	20	200	1
3437004	3447004	20	400	1
3437005	3447005	20	600	1
3437006	3447006	30	400	1
3437007	3447007	30	600	1
3437008	3447008	40	800	1


BORO
3.3

Sedimentation cone according to Imhoff

Reference	Feature	Capacity (ml)	Eff. length (mm)	Pack unit
3720000	With glass stopcock	1000	120	1
3710000	Closed tip	1000	120	1


DIN
12672

Evaporating dish with flat bottom

Reference	Capacity (ml)	Ø size (mm)	Pack unit
2130124	10	40	10
2130132	15	50	10
2130134	45	60	10
2130138	60	70	10
2130141	90	80	10
2130144	170	95	10
2130149	320	115	10
2130154	600	140	10
2130159	1500	190	4
2130163	2500	230	3


BORO
3.3

DIN
12336

BORO
3.3

Weighing boat

Reference	Capacity (ml)	Pack unit
9065088	3	1
9065090	5	1
9065185	6	1
9065091	10	1
9065174	15	1
9065175	20	1
9065176	25	1
9065186	40	1
9065187	100	1

BORO
3.3

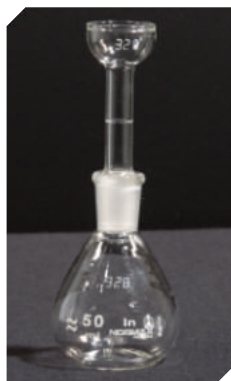
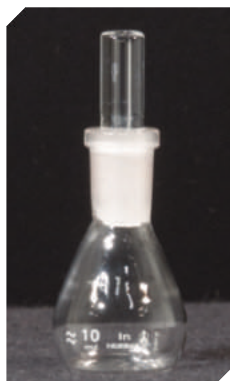
Weighing bottles

Low shape

Reference	Capacity (ml)	Ø x height (mm)	Pack unit
3421023	10	35 x 30	1
3421032	20	50 x 30	1
3421041	60	80 x 30	1

Tall shape

Reference	Capacity (ml)	Ø x height (mm)	Pack unit
3421107	3,5	10 x 80	1
3421113	10	25 x 40	1
3421118	20	30 x 50	1
3421123	42	35 x 70	1
3421124	66	40 x 80	1

BORO
3.3ISO
3507

Pycnometer

For solids

Reference	Capacity (ml)	Tolerance ± (ml)	Pack unit
3455214	25	2	1
3455217	50	3	1
3455221	100	3	1
3455236	250	-	1
3455244	500	-	1
3455254	1000	-	1

For liquids according to Gay-Lussac. ISO 3507

Reference	Capacity (ml)	Tolerance ± (ml)	Pack unit
3455101	1	0,1	1
3455102	2	0,3	1
3455107	5	0,5	1
3455108	10	1	1
3455114	25	2	1
3455117	50	3	1
3455121	100	3	1

ISO
3507

Pycnometer for liquids

With thermometer

Reference	Capacity (ml)	Tolerance ± (ml)	Pack unit
3455108T	10	1	1
3455114T	25	2	1
3455117T	50	3	1
3455121T	100	3	1

Bell jar

With knob

Reference	Size (mm)	Pack unit
1502253	150 x 200	1
1502254	150 x 250	1
1502255	200 x 200	1
1502256	200 x 300	1

Standard joint 29/32

Reference	Capacity (ml)	Pack unit
1502153	150 x 200	1
1502154	150 x 250	1
1502155	200 x 200	1
1502156	200 x 300	1



ISO
3507

Alcohol lamp with bakelite cap

Reference	Capacity (ml)	Outside Ø (mm)	Pack unit
4169424	100	70	1



SODA
LIME

Tubes

Centrifuge tube with conical bottom

Neutral glass

Reference	Feature	Thickness (mm)	Outside Ø (mm)	Pack unit
3017708	plain	0,90	16x110	100
3017711	plain	0,90	17x115	100
3017708G	graduated	0,90	16x110	100
3036711	graduated	0,90	17x115	100



Test tube with round bottom, rimless

Neutral glass. Available in flat bottom.

Reference	Thickness (mm)	Out. Ø x height (mm)	Pack unit
5611001	0,60 - 0,80	8 x 70	168
5611003	0,60 - 0,80	10 x 75	100
5611006	0,60 - 0,80	10 x 100	100
5611008	0,80 - 1,00	12 x 75	250
5611011	0,80 - 1,00	12 x 100	100
5611012	0,80 - 1,00	12 x 120	250
5611038	0,80 - 1,00	15 x 150	250
5611037	1,00 - 1,20	16 x 150	100
5611021	1,00 - 1,20	16 x 160	250
5611016	1,00 - 1,20	16 x 100	250
5611023	1,00 - 1,20	18 x 180	100
5611026	1,00 - 1,20	20 x 150	100
5611029	1,00 - 1,20	20 x 200	100
5611034	1,00 - 1,20	22 x 200	80
5611036	1,00 - 1,20	25 x 200	125



Available upon request:

Tubes with "U" and "Y" shape



121°C

Culture tube with screwthread

Neutral glass. Closed top polypropylene. Cap not included, sold separately. Autoclavable.

Reference	Thickness (mm)	Out. Ø x height (mm)	Thread (GL)	Pack unit
36435125	0,80	12 x 100	12	336
36435165	0,90	16 x 100	18	100
36435305	0,90	16 x 150	18	100
36435215	0,90	16 x 160	18	100
36435235	0,95	18 x 180	18	198
36435245	0,95	20 x 150	18	100
36435295	0,95	20 x 200	18	180
6020007	Natural plastic cap for culture tube			



Culture tube with screwthread and aluminium cap

Neutral glass.

Reference	Thickness (mm)	Out. Ø x height (mm)	Thread (GL)	Pack unit
36335215	0,90	16 x 160	16	265
36335235	0,95	18 x 180	16	220

BORO
3.3

Nessler tube, tall form

Reference	spout	Capacity (ml)	Graduated at (ml)	Out. Ø x height (mm)	Pack unit
5617101	—	50	50	20x300	10
5617102	—	100	100	24x375	8
5617103	—	100	50-100	24x375	8
5617301	yes	50	50	20x300	10
5617302	yes	100	100	24x375	8
5617303	yes	100	50-100	24x375	8

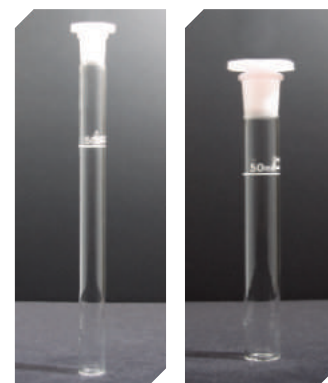
BORO
3.3

Nessler tube, short form

Reference	spout	Capacity (ml)	Graduated at (ml)	Out. Ø x height (mm)	Pack unit
5617001	—	50	50	25x375	25
5617002	—	100	100	32x100	10
5617003	—	100	50-100	32x200	10
5617201	yes	50	50	25x175	8
5617202	yes	100	100	32x200	8
5617203	yes	100	50-100	32x200	8

Nessler tube, with stopper

Reference	Form	Capacity (ml)	Graduated at (ml)	Standard joint (NS)	Pack unit
5627101	short	50	50	24/29	10
5627104	short	50	25-50	24/29	25
5627103	short	100	50-100	24/29	10
5627301	tall	50	50	16/26	8



BORO
3.3

Karsten tube, graduated

Reference	Feature	Pack unit
9065180	For horizontal surfaces	1
9065120	For vertical surfaces	1



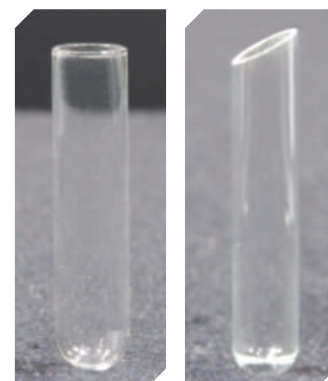
Durham tube

Without bevel edge

Reference	Out. Ø x height (mm)	Pack unit
5611204	6x20	100
5611205	6x30	100
5611206	6x40	100
5611201	6x50	100
5611207	7x30	100
5611202	7x35	100
5611208	7x40	100
5611209	8x30	100
5611203	10x45	100

With bevel edge

Reference	Out. Ø x height (mm)	Pack unit
5612001	6x50	100
5612002	7x35	100
5612003	10x45	100



SODA
LIME

Digestion tube

Tube with rim, round bottom

Reference	Feature	Out. Ø x height (mm)	Pack unit
9065142	Straight neck	40 x 298	1
9065199	Constricted neck	40 x 298	1
9065198	Constricted neck with graduation	40 x 298	1

*Other sizes available by request



BORO
3.3

Microscopy and Microbiology

ISO
8037-1

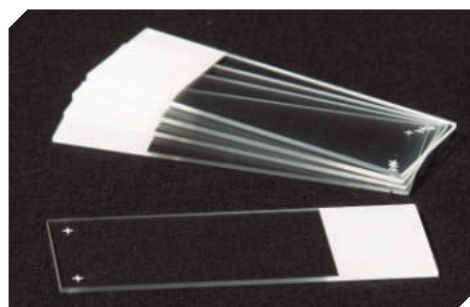
Microscope slide

Size: 76 x 26 mm

Reference	Thickness (mm)	Features	Pack unit
5470117C	1 - 1,11	Cut edges	50
5470207C	1 - 1,11	Ground edges	50
5470307C	1 - 1,11	Ground edges, frosted end 20mm (top and bottom)	50

Tropical packing* (available upon request)

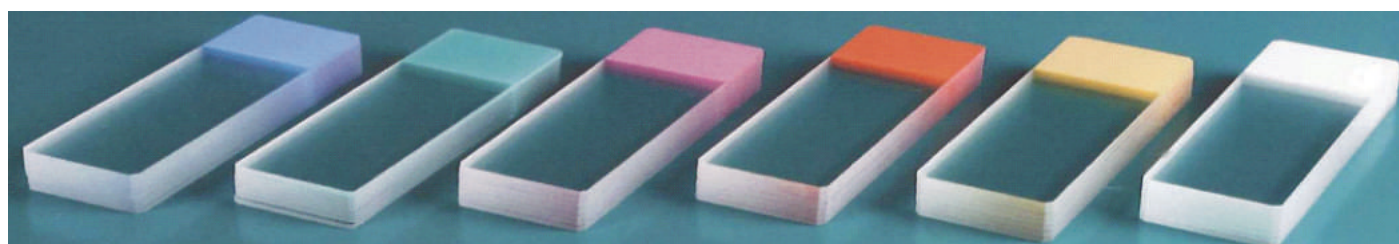
*slides individually paper interleaved



Normafrost slides

Size: 76 x 26 mm

Reference	Colour	Features	Pack unit
5471101	white	90° angled, positive charged	72
5471201	white	90° angled, Polysine® pre-coated	72
5471301	white	90° angled, silane pre-coated	72
5471001	white	90° angled	50
5471002	white	45° angled	50
5471003	orange	90° angled	50
5471004	orange	45° angled	50
5471005	green	90° angled	50
5471006	green	45° angled	50
5471007	pink	90° angled	50
5471008	pink	45° angled	50
5471009	blue	90° angled	50
5471010	blue	45° angled	50
5471011	yellow	90° angled	50
5471012	yellow	45° angled	50

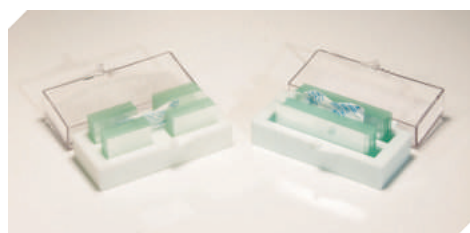


Microscope cover glasses

Optical glass, thickness 0,12 - 0,17 mm

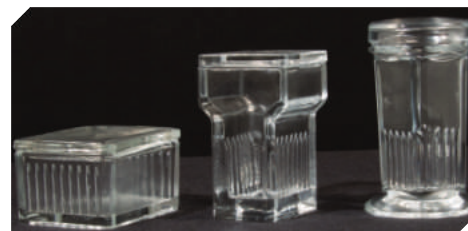
Reference	Length x width (mm)	Pack unit	Reference	Length x width (mm)	Pack unit
5470001	12 x 12	100	5470023	22 x 64	100
5470002	12 x 23	100	5470006A	24 x 24	5 x 200
5470003A	18 x 18	5 x 200	5470007A	24 x 32	5 x 100
5470010	18 x 24	100	5470014	24 x 36	100
5470004A	20 x 20	5 x 200	5470015A	24 x 40	5 x 100
5470020	20 x 24	100	5470008A	24 x 50	5 x 100
5470011	21 x 26	100	5470016A	24 x 60	100
5470005A	22 x 22	5 x 200	5470017	25 x 40	100
5470012	22 x 32	100	5470018	25 x 50	100
5470013	22 x 40	100	5470019	25 x 60	100
5470021A	22 x 50	5 x 100	5470024	10 x 10	100
5470022	22 x 60	100			

NORMAX

ISO
8255-1

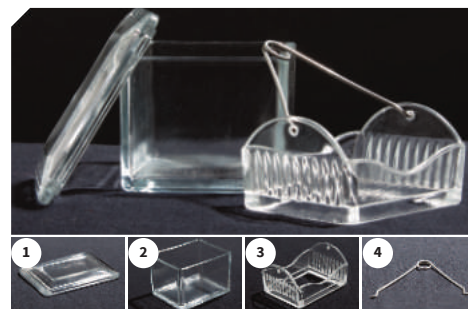
Staining jar

Reference	Type	For slides	Pack unit
4430700	Schiefferdecker	10	1
4431000	Hellendahl	8	1
4430800	Coplin	5	1



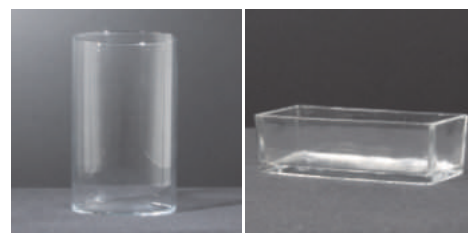
Staining jar

Reference	Type	For slides	Pack unit
4430900	Complete set	10	1
4430901	[1] Cover	–	1
4430902	[2] Dish	–	1
4430903	[1][2] Cover and dish	–	1
4430907	[3] Glass tray	10	1
4430905	[4] Metal handle	–	1
4430904	[3][4] Glass tray with metal handle	10	1



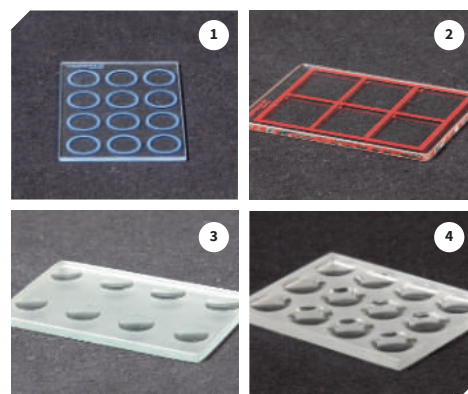
Staining trough

Reference	Description	Size (mm)	Pack unit
4431102	[1] Cylindrical	100 x 210	1
9095022	[1] Cylindrical	125 x 210	1
9095034	[2] Rectangular	100 x 40 x 45	1
4430600	[2] Rectangular	140 x 70 x 45	1
4430601	[2] Rectangular	200 x 100 x 50	1



Plates

Reference	Features	Size (mm)	Pack unit
9075005	[1] 12 blue printing rings Ø 13-14mm	76 x 52	1
9075001	[2] 5 divisions, red printing	77 x 54	50
4420511	[3] 8 cavities, approx. Ø16mm	110 x 70	1
4420207	[4] 12 cavities, approx. Ø16mm x 1,5 mm depth	80 x 60	20



Microflocculation plate

Size: 76 x 26 mm

Reference	Features	Size (mm)	Pack unit
9095075	2 cavities, overflow grooves, approx. Ø15mm x 1,5 mm depth	76 x 52	1



Filtration

ISO
8037-1

Gas wash flask, with standard ground joint 29/32

Replace "X" with the required porosity. Other sizes and shapes available by request.

Reference	Porous plate	Capacity (ml)	Porosity	Pack unit
3480900	—	100	1 - 4	1
3481000	—	250	1 - 4	1
3481100	—	500	1 - 4	1
3678000	—	head	1 - 4	1
357010X	yes	100	1 - 4	1
357020X	yes	250	1 - 4	1
357030X	yes	500	1 - 4	1
3678000X	yes	head	1 - 4	1

Filter pump

Water flow: 300 L/h. Water/pressure: 1,2 min

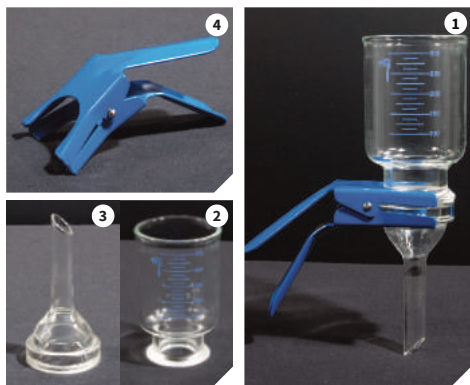
Reference	Feature	Length (mm)	Pack unit
3436299	With non-return valve	100	2
3436199	With non-return valve	250	2



Filtration set

Rubber stoppers with hole available

Reference	Feature	Pack unit
9060001	[1] complete set	1
9060027	[2] beaker graduated	1
9060028	[3] funnel, porous plate G4	1
6507003	[4] clamp	1



Filtration set with vacuum pump

Complete your filtration set with:

- **Vacuum pump** (ref. S5910100) (Other models available)
- **Kitasako flask** (ref. 2120154N)
- **Rubber stopper with hole** (ref. CD02161)



Kitasato flask

With hose connection for vacuum use

Reference	Capacity (ml)	Pack unit
2120124N	100	10
2120136N	250	10
2120144N	500	10
2120154N	1000	10
2120163N	2000	10



Retrace
code

BORO
3.3

Kitasato bottle

With hose connection for vacuum use

Reference	Capacity (ml)	Out. Ø x height (mm)	Pack unit
2119168	3000	170 x 295	1
2119173	5000	185 x 360	1
2119186	10000	240 x 420	1
2119188	15000	255 x 500	1
2119191	20000	290 x 535	1



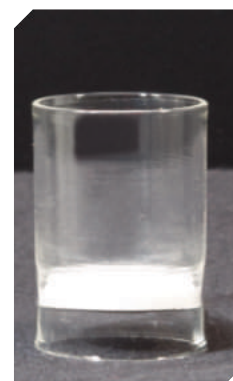
ISO
6556

BORO
3.3

Filter crucible

Replace X by the required porosity. Available in other sizes and specifications.

Reference	Capacity (ml)	Porosity	Plate Ø (mm)	Identif. (D)	Pack unit
258510X	8	0 - 5	20	63	1
258511X	15	0 - 5	23	10	1
258512X	30	0 - 5	30	1	1
258513X	50	0 - 5	40	2	1
9065115	30	2	30	—	1

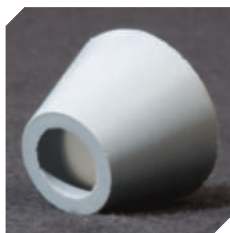


BORO
3.3

Rubber sleeve for filter crucible

Reference	Outside Ø (mm)	Adapter Ø (mm)	Pack unit
2920114	26	27	10
2920126	41	41	10





Guko

Reference	Outside Ø (mm)	Adapter Ø (mm)	Pack unit
2920212	12	22	10
2920217	16	29	10
2920223	22	36	10
2920227	29	44	10
2920232	33	53	10
2920236	43	63	10
2920239	52	73	10
2920243	61	84	10
2920200*	12 - 61	22 - 84	1

*Guko set (8)



ISO
4798

Funnel short stem

Available with porous plate and for powder

Reference	Top Out. Ø (mm)	Glass	Pack unit
3135120	30	borosilicate 3.3(non ISO)	100
3135123	35	borosilicate 3.3	100
3135125A	40	borosilicate 3.3(non ISO)	100
3135128	45	borosilicate 3.3	100
3135130A	50	borosilicate 3.3(non ISO)	100
3135133A	55	borosilicate 3.3	100
3135137A	60	borosilicate 3.3(non ISO)	75
3135138A	70	borosilicate 3.3	80
3135140A	75	borosilicate 3.3(non ISO)	60
3135141A	80	borosilicate 3.3	30
3135143	85	borosilicate 3.3(non ISO)	40
3135146A	100	borosilicate 3.3	20
3135147	110	borosilicate 3.3(non ISO)	10
3135148	120	borosilicate 3.3(non ISO)	15
3135157	150	borosilicate 3.3	10
3135159	180	soda-lime(non ISO)	2



ISO
4798

BORO
3.3

Funnel long stem

Reference	Top Out. Ø (mm)	Pack unit
3135328	45	100
3135330	50	100
3135333	55	30
3135338	70	5
3135341	80	5
3135346	100	1

Funnel standard ground joint

Reference	Ø size (mm)	Standard joint (NS)	Pack unit
3135120J	30	7/16	1
3135125J	40	10/19	1
3135130J	50	12/21	1
3135138J	70	14/23	1
3135146J	100	19/26	1
3135170J	100	24/29	1
3135171J	100	29/32	1



Funnel for filtration, with porous plate

Replace X by the required porosity.

Reference	Capacity (ml)	Porosity	Identif. (D)	Plate Ø (mm)	Pack unit
358520X	50	1 - 4	3	35	10
358521X	75	1 - 4	11	45	10
358522X	125	1 - 4	17	60	10
358523X	500	1 - 4	25	95	10
358524X	1000	1 - 4	26	120	10
358526X	4000	1 - 4	151	175	10



Büchner funnel

Reference	Capacity (ml)	Plate Ø (mm)	Outside stem Ø (mm)	Pack unit
2134122	70	48	10	1
2134128	125	60	10	1
2134134	220	73	18	1
2134144	500	95	22	1
2134154	1000	120	22	1



Bottles

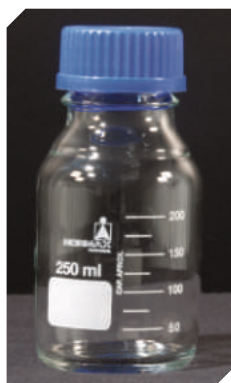
BOD bottle, with interchangeable stopper

Reference	Capacity (ml)	GL	Pack unit
9060067	300	—	1
9060066	165	24/29	1
9060049	292	24/29	1

For incubating diluted samples of clean water, waste water, effluent water and polluted water during the 5 day biochemical oxygen demand (BOD) test.

This test is used to determine the relative oxygen requirements of the tested sample.



Retrace
codeISO
4796BORO
3.3A
140°C

Laboratory bottle, with blue screw cap

Clear glass

Reference	Capacity (ml)	GL	Pack unit
21801145	25	25	10
21801175	50	32	10
21801245	100	45	10
21801365	250	45	10
21801445	500	45	10
21801545	1000	45	10
21801635	2000	45	10
21801735	5000	45	6
21801865	10000	45	1

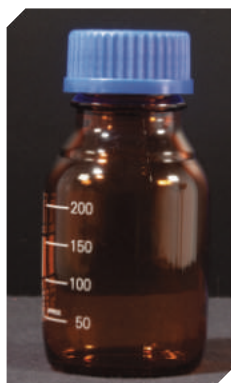
Retrace
codeISO
4796BORO
3.3

180°C

Laboratory bottle, with red screw cap

Clear glass

Reference	Capacity (ml)	GL	Pack unit
21802145	25	25	10
21802175	50	32	10
21802245	100	45	10
21802365	250	45	10
21802445	500	45	10
21802545	1000	45	10
21802635	2000	45	10
21802735	5000	45	6
21802865	10000	45	1

Retrace
codeISO
4796BORO
3.3

140°C

Laboratory bottle, with blue screw cap

Amber glass

Reference	Capacity (ml)	GL	Pack unit
21804145	25	25	10
21804175	50	32	10
21804245	100	45	10
21804365	250	45	10
21804445	500	45	10
21804545	1000	45	10
21804635	2000	45	10
21804735	5000	45	6
21804865	10000	45	1

SODA
LIME

Winkler bottle

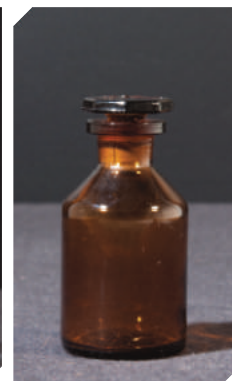
Calibrated

Reference	Capacity (ml)	Glass	Pack unit
4471024	100	clear	1
4471036	250	clear	1
4471039	300	clear	1
4471136	250	amber	1

Reagent bottle, narrow neck

With stopper

Clear glass	Amber glass	Capacity (ml)	Standard joint (NS)	Pack unit
4116517	4116817	50	12/21	48
4116524	4116824	100	14/23	48
4116536	4116836	250	19/26	30
4116544	4116844	500	24/29	9
4116554	4116854	1000	29/32	12

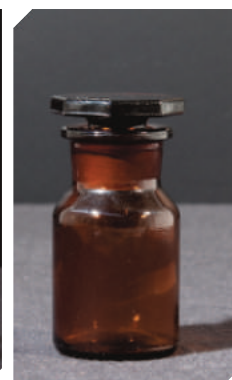


SODA
LIME

Reagent bottle, wide neck

With stopper

Clear glass	Amber glass	Capacity (ml)	Standard joint (NS)	Pack unit
4118517	4118817	50	12/21	48
4118524	4118824	100	14/23	48
4118536	4118836	250	19/26	30
4118544	4118844	500	24/29	9
4118554	4118854	1000	29/32	12



SODA
LIME

Screw neck bottle PP 28

Clear glass

Reference	Capacity (ml)	Pack unit
4040014	60	7620
4040011	100	86
4040013	200	4680
4040008	250	60
4040009	500	1750
4040010	1000	480

Amber glass

Reference	Capacity (ml)	Pack unit
4040016	30	117
4040007	60	160
4040006	100	104
4040004	200	67
4040003	250	60
4040002	500	35
4040001	1000	20



SODA
LIME

Screw neck bottle PP 18

Amber glass

Reference	Capacity (ml)	Pack unit
4040019	5	255
4040020	10	192
4040021	20	156
4040022	30	110
4040023	50	105
4040024	100	68



SODA
LIME



Tamper proof cap

White colour

Reference	Capacity (ml)	Description	Pack unit
6508003	18	With hole	1
6508004	18	closed	1
6020006	28	closed	1



BORO
3.3

Standard ground joint bottle

Reference	Stopcock	Capacity (ml)	Pack unit
2470144	yes	500	4
2470154	yes	1000	1
2470163	yes	2000	1
2470400	yes	5000	1
2470500	yes	10000	1
2470501	yes	15000	1
2470700	yes	20000	1
2116273	—	5000	1
2116286	—	10000	1
2116291	—	20000	1



BORO
3.3



Dropping bottle, PP18

White rubber

Reference	Description	Capacity (ml)	Pipette	Pack unit
4121812	Screw-cap, pipette and rubber sucker	10	7,25 x 58	1
4121814	Screw-cap, pipette and rubber sucker	20	7 x 70	1
4121815	Screw-cap, pipette and rubber sucker	30	7 x 78	1
4121817	Screw-cap, pipette and rubber sucker	50	7 x 89	1
4121824	Screw-cap, pipette and rubber sucker	100	7 x 103	1
4121813	Tamper proof cap	10	7 x 64	10
4121816	Tamper proof cap	30	7 x 78	10
4121819	Tamper proof cap	50	7 x 89	10
4121823	Tamper proof cap	100	7 x 103	10

Black rubber sucker available. Clear glass on request



BORO
3.3

Roux bottle

Reference	Capacity (ml)	Length x width (mm)	Pack unit
2154158	1200	260 x 122	10

Pharmaceutical Industry

Snap seal vial

Clear neutral glass. Contact us for other sizes and specifications

Reference	Out. Ø x height (mm)	Pack unit
3401047	10,25 x 47,0	800
3401232	11,75 x 32,0	806
3401355	13,75 x 55,0	840
3401554	15,75 x 54,0	437
3401641	16,50 x 41,5	396
3401670	16,75 x 70,0	396
3402040	20,50 x 40,0	255
3402240	22,50 x 40,0	216
3402246	22,50 x 46,0	216
3402954	29,25 x 54,0	120
3402976	29,25 x 76,0	120
3402910	29,25 x 105,0	120



Vial

Amber glass

Reference	Screw neck	Out. Ø x height (mm)	Pack unit
3402453B	—	24,50 x 58	168
3402954B	—	29,25 x 54	120
3401658	yes	16,75 x 58	418
3402448	yes	24,50 x 48	180
3402452	Yes	24,50 x 52	168

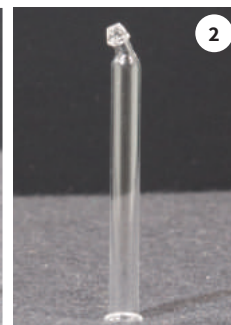
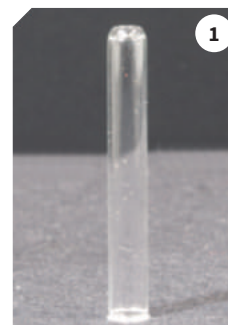


Dropping pipette

Printing and other sizes or shapes available on request.

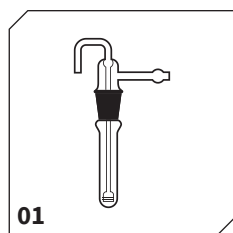
Reference	Feature	Ø x length (mm)	Pack unit
5400958	[1] Turned end	6,5 x 58	160
5400960	[1] Turned end	6,5 x 60	3500
5400770	[1] Turned end	7 x 70	4000
5400776	[1] Turned end	7 x 78	3000
5400911	[1] Turned end	7 x 89	1000
5400789	[1] Turned end	7 x 89	2000
5400910	[1] Turned end	7 x 103	2500
5400536	[2] With curve	5 x 36,5	10000
5400541	[2] With curve	5,2 x 41	10000
5400643*	[2] With curve	6,25 x 44,5	6000
5400665*	[2] With curve	6,25 x 63	4000
5400745	[2] With curve	6,5 x 65	6000
5400764	[2] With curve	6,5 x 45	4000
5400664	[2] With curve	7 x 65	4000
5400750	[2] With curve	7 x 50	4000
5400767	[3] With balll	7 x 55	4000
5400760**	[3] With balll	7 x 60	4000
5400766	[3] With balll	7 x 63	3000
5400765	[3] With balll	7 x 65	3000
5400777	[3] With balll	7 x 77	3000
5400790	[3] With balll	7 x 90	3000
5400711	[3] With balll	7 x 110	3000
5400714	[3] With balll	7 x 140	2400

*Neutral glass **pipette curve

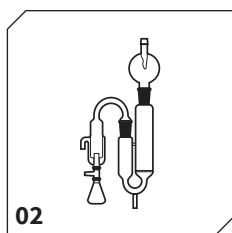


SODA
LIME

ASTM Products



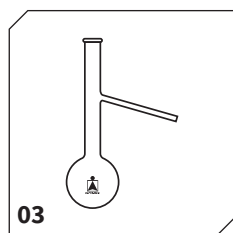
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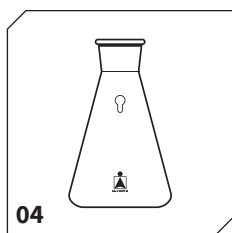
02

01 Apparatus for oil filtration acc. ASTM D 721

Reference	Joint	Feature
535	—	complete
53500	24/29 (socket)	tube



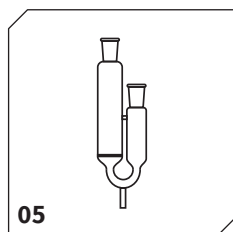
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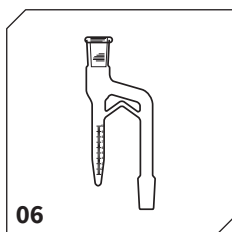
04

02 Sulfur determination apparatus acc. ASTM D 1266

Reference	Joint	Feature
534	—	complete
63500	—	absorber
63600	24/29	trap
63800	14/23	Erlenmeyer flask, 25 ml
63400	14/23 24/29	chimney
63700	14/23	Burner, 25 ml



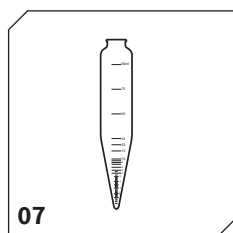
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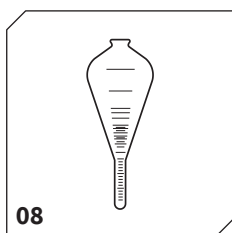
06

03 Engler flasks according to ASTM E 133

Reference	Flask (ml)	Extractor (mm)	Ø Internal neck (mm)	Ø external flask (mm)	Ø external hose (mm)
61001	100	100 x 215	16	65	6
61002	125	100 x 215	17	68	7
61003	200	127 x 179	21	73	7
61004	250	100 x 215	15	86	6



07



08

04 Erlenmeyer flask ground joint according to ASTM D 1266

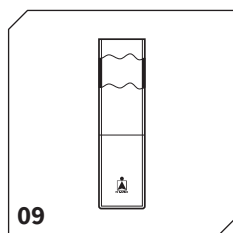
Reference	Capacity (ml)	Size (mm)	Feature
63800	25	14/23	D 1266

05 ASTM D 1266 - Absorber

Reference	Capacity (ml)
63500	24/29

06 ASTM E 123 - Trap (style A)

Reference	Capacity (ml)	Joint
64101	10	24/29
64102	25	24/29



09

07 ASTM D1796 - centrifuge tube

Reference	Capacity (ml)
63200	100

08 ASTM D1796 - centrifuge tube, pear shape

Reference	Capacity (ml)
9065082	100

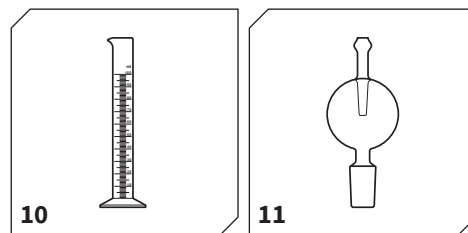
09 ASTM D 97 - Pour point jar

Reference	Feature	Outside Diam.(mm)
64700	115 - 125	30 - 33.5

Measuring cylinder

10 ASTM E 133 - with spout

Reference	Capacity (ml)
62014	25
62024	100
62034	200



Trap

11 ASTM D 1266 - With ground

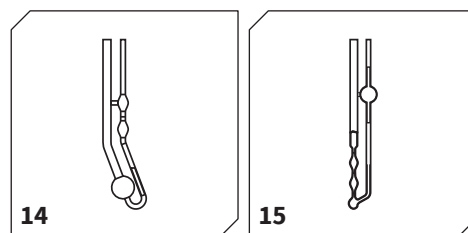
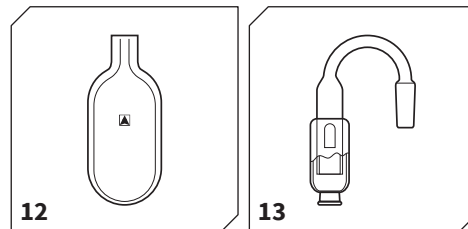
Reference	Socket joint	Cone joint
63600	65	24/29

12 ASTM D 524 - Bulb

Reference	Capacity (ml)	Height (mm)
62500	24 - 25	56 - 58

13 ASTM D 1266 - Chimney

Reference	Socket joint	Socket joint
63400	14/23	24/29



Viscometer

14 Cannon-Fenske ASTM D 445 + ASTM D 446, ISO 3104 + ISO 3105 for transparent liquids

Reference	Capacity (ml)	Out. diam. x height (mm)	Viscosity range in cSt
S5600050	25	0,002	0,4 - 1,6
S5600051	50	0,004	0,8 - 3,2
S5600052	75	0,008	1,6 - 6,4
S5600053	100	0,015	3 - 15
S5600054	150	0,035	7 - 35
S5600055	200	0,1	20 - 100
S5600056	300	0,25	50 - 200
S5600057	350	0,5	100 - 500
S5600058	400	1,2	240 - 1200
S5600059	450	2,5	500 - 2500
S5600060	500	8	1600 - 8000
S5600061	600	20	4000 - 20000

15 Cannon-Fenske ASTM D 445 + ASTM D 446, ISO 3104 + ISO 3105 for opaque or transparent liquids

Reference	Size (mm)	Nominal Constant	Viscosity range in cSt
S5600065	25	25	0,4 - 1,6
S5600066	50	50	0,8 - 3,2
S5600067	75	75	1,6 - 6,4
S5600068	100	100	3 - 15
S5600069	150	150	7 - 35
S5600070	200	200	20 - 100
S5600071	300	300	50 - 200
S5600072	350	350	100 - 500
S5600073	400	400	240 - 1200
S5600074	450	450	500 - 2500
S5600075	500	500	1600 - 8000
S5600076	600	600	4000 - 20000

Apparatus




16 Normax Water Still CE

Reference

520

Model L304

- Distillate output 4 litre/hour
- Automatic control system
- Quartz heater
- Boro glass components
- Easy maintenance
- EU directive compliant

General data

W. x L. x H.	600 x 175 x 460 mm
Weight	~7,9 kg

Distilled water quality

pH	5,50-6,60
conductivity	1 - 5
Pyrogen free	yes
temperature	25°C - 30°C

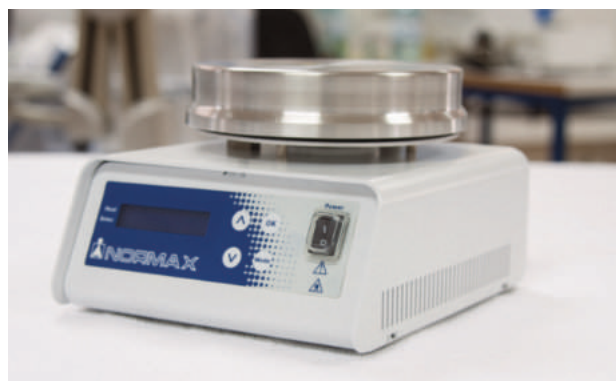
Required conditions

power	2,6 kW
Electrical data	200/240V ~56-60hz 16A
Water pressure	1,5 kg/cm ²
Cold water	1 L/min.



17 Apparatus for the detection of Trichinella by digestion

Reference	Description
NX10000-01205	Digital magnetic stirrer with heating Normax
CD03649	Separating funnel conical shape 2000 ml with PTFE key
CD03819	Separating funnel cylindrical shape grad., PTFE key 50 ml
S6022610	Retort stand, 160x250 mm, Rod stainless steel 600x10 mm
S7005010	Open ring bosshead support galvanised steel 100 mm
S7000141	Swivel clamp with double PVC lined jaws. For Ø from 12 to 45 mm
719764	Cylindrical stirring bar 8x40 mm
CD00255	Stirring glass rod 6x250 mm
FV100180052	Sieves Stainless steel 100x52 mm, 180 µm
2110668N	Beaker low form boro 3.3 glass, 3000 ml
5149614	Grad. pipette, total delivery, blue printing, zero at the top, class A, divis. 0,1 ml, cap. 25 ml
5454334	Grad.pipette, total delivery, blue printing, zero at the top, class A, divis. 0,1 ml, cap. 25 ml
7W-120	Pipette pump up to 25 ml red
7200208	Contact plate Rodac aseptic
8AC07672500	Hydrochloric Acid, Solution 25%, Reagent Grade, 2,5 Lt
8PE01251000	Pepsin NF 1: 10,000 1000g

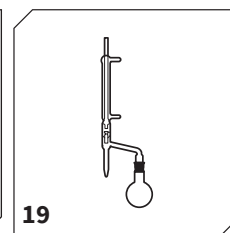
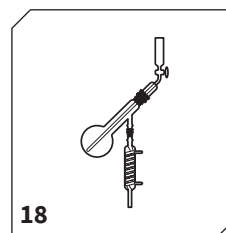


NORMAX Digital Magnetic Stirrer, model 1205

→ Other models available

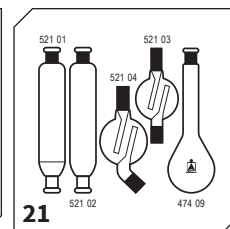
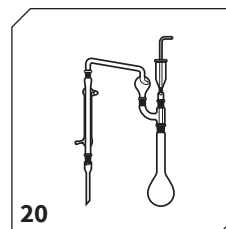
18 Arsenic determination in metals, acc. Ledebur

Reference	Capacity (ml)	Size (mm)	Joint	Feature
531	—	—	—	complete
53101	500	—	29/32 - 19/26	round bottom flask
53100	—	—	29/32	receiver tube with stopcock
48200	—	200	19/26	coil condenser



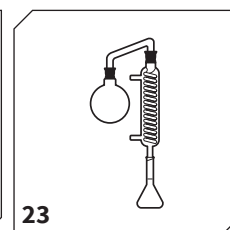
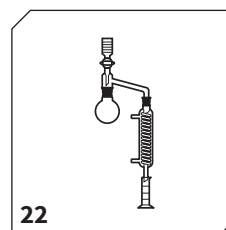
19 Arsenic determination acc. to Dean Stark

Reference	Capacity (ml)	Size (mm)	Joint	Feature
530	—	—	—	complete
46816	500	—	24/29	round bottom flask
47308	—	200	24/29	Liebig - condenser
64302	10-25	—	24/29	receiver tube



20 Nitrogen determination acc. To Kjeldahl

Reference	Capacity (ml)	Size (mm)	Joint	Feature
517	—	—	—	complete
40204	—	—	19/26 24/29	multiple adapter
41302	—	—	19/26	Straight delivery adapter
42801	500	—	19/26	splash head
47405	50	—	19/26	Kjeldahl - flask
43900	—	—	24/29	dropping funnel with open top socket
48603	—	200	19/26	Liebig - condenser



21 nitrogen determination, spare parts

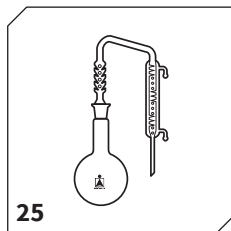
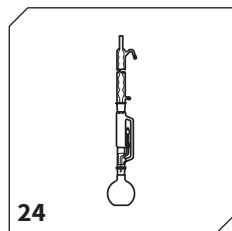
Reference	Capacity (ml)	Size (mm)	Feature
52101	—	19/26	cylindrical ampoule with sintered glass-disc
52102	—	19/26	cylindrical ampoule without sintered glass-disc
52104	—	19/26	45° spherical ampoule
52103	—	19/26	straight spherical ampoule
47409	500	19/26	Kjeldahl - flas

22 Assembly for wine volatile acidity determination

Reference	Capacity (ml)	Size (mm)	Feature
533	—	—	complete
46806	50	14/23	flask round bottom
53301	24	—	acidimeter measuring cylinder
48202	100	14/23	condenser
5330	24	14/23	receiver tube

23 Assembling for wine alcohol degree determination by destilation

Reference	Capacity (ml)	Size (mm)	Joint	Features
532	—	—	—	complete
9065170	—	250	29/32	receiver bends
46820	1000	—	29/32	round bottom flask
3168732	200	—	—	volumetric flask
9065096	—	200	29/32	coil condenser



24 Soxhlet - flat bottom flask and Allihn condenser

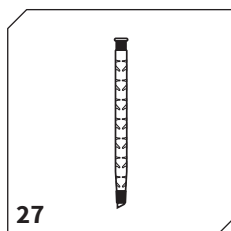
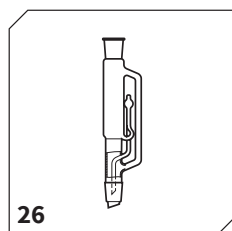
Reference	Flask (ml)	Extractor (mm)	Flask joint	Condenser joint
52801	100	20	29/32	29/32
52810	100	30	29/32	29/32
52802	100	50	29/32	34/35
52812	100	60	29/32	45/40
52809	250	100	29/32	45/40
52803	250	125	29/32	45/40
52804	250	150	29/32	45/40
52811	500	200	29/32	45/40
52805	500	250	29/32	55/50
52806	1000	500	29/32	55/50
52807	2000	1000	29/32	70/50
52808	2000	2000	29/32	70/50

Distiller

25 Vigreux

Reference	Joint	Length (mm)
519	—	complete
51901	29/32	flask
51902	29/32	condenser

Columns and condensers



26 Soxhlet - extractors

Reference	Extractor (ml)	Socket joint	Cone joint
47210	20	29/32	29/32
47201	30	29/32	29/32
47202	50	34/35	29/32
47211	60	34/35	29/32
47212	100	45/40	29/32
47203	125	45/40	29/32
47208	150	45/40	29/32
47209	200	45/40	29/32
47204	250	45/40	29/32
47205	500	55/50	29/32
47206	1000	70/50	29/32
47207	2000	70/50	29/32

Column

27 Vigreux

Reference	Socket joint	Socket joint
49201	24/29	360
49202	24/29	600
49203	29/32	360
49204	14/23	200
49205	14/23	300
49206	24/29	300
49207	24/29	400
49208	29/32	400
49210	29/32	600
49211	24/29	800
49212	29/32	800

28 Vigreux - ground and screwthreaded joint

Reference	Length (mm)
9165002	200

29 plain

Reference	Joint	Length (mm)
49501	24/29	320
49502	24/29	570
49503	29/32	570
49504	24/29	820
49505	34/35	350
49506	34/35	600

Condenser

30 Allihn

Reference	Extractor (ml)	Joint
49908	200	29/32
49904	200	34/35
49905	250	45/40
49906	210	55/50
49907	200	70/50

31 Allihn - 1 ground joint

Reference	Length (mm)	Joint
49001	200	19/26
49002	200	24/29
49003	200	29/32
49004	160	19/26
49005	250	19/26
49006	250	24/29
49007	300	24/29
49008	300	29/32
49009	400	29/32

32 Allihn - 2 ground joints

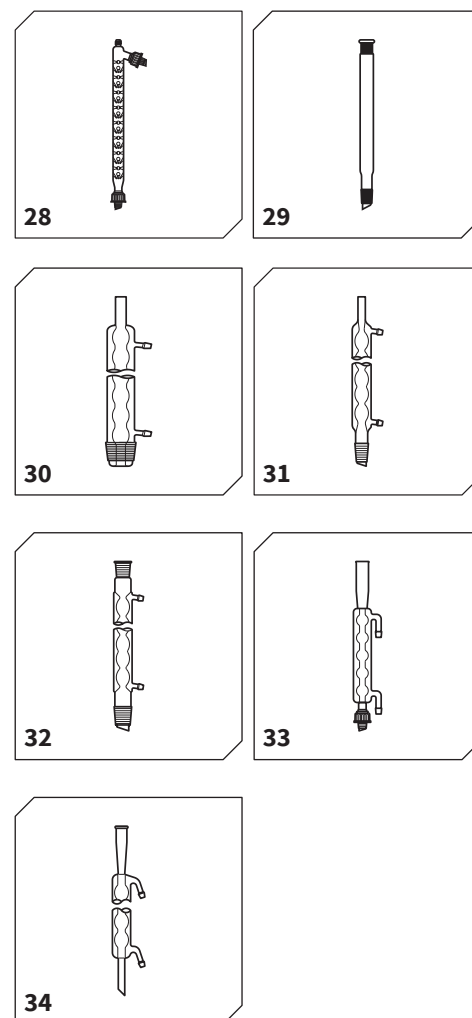
Reference	Length (mm)	Joint
49106	160	14/23
49107	160	19/26
49101	200	19/26
49108	250	19/26
49102	300	19/26
49103	300	24/29
49104	300	29/32
49105	400	29/32
49009	400	29/32

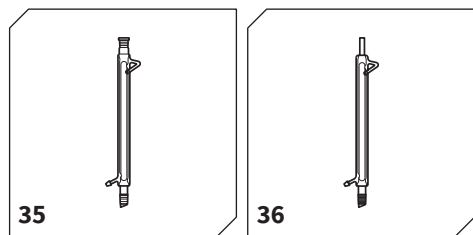
33 Allihn - ball, ground and screwthreaded joint

Reference	Length (mm)
9165006	200

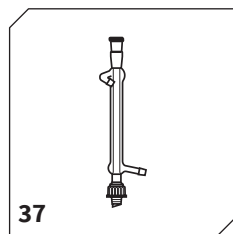
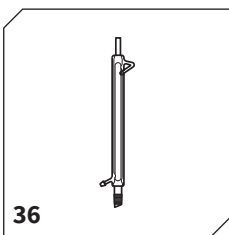
34 Allihn - without ground joint

Reference	Length (mm)
46704	160
46701	200
46705	250
46702	300
46703	400

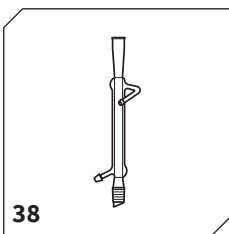




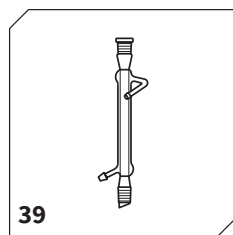
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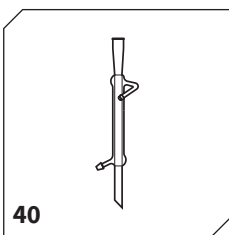
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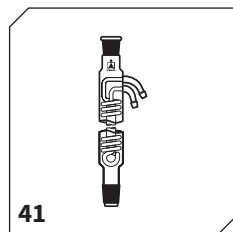
38



39



40



41

35 Davies - 2 ground joints

Reference	Length (mm)	Cone joint
48701	100	10/19
48702	150	14/23
48703	150	24/29
48704	150	19/26
48705	200	24/29
48706	200	29/32
48707	200	19/26
9065108	220	19/26
48709	300	19/26
48710	400	24/29
48708	500	34/35

36 Davies - 1 ground joint

Reference	Length (mm)	Cone joint
48801	200	40/45
48802	200	45/40
48803	200	50/45

37 Liebig - ground and screwthreaded joint with straight end

Reference	Length (mm)
9165000	200

38 Liebig - 1 ground joint

Reference	Length (mm)	Cone joint
47306	150	19/26
47307	200	19/26
47308	200	24/29
47309	250	24/29
47310	250	29/32
47311	300	24/29
47312	300	29/32
47313	400	24/29
47314	400	29/32
48710	400	24/29
48708	500	34/35

39 Liebig - 2 ground joints

Reference	Length (mm)	Cone joint
48601	150	10/19
48602	150	14/23
48603	200	19/26
48604	200	24/29
48609	250	19/26
48610	250	24/29
48605	400	19/26
48606	400	24/29
48607	400	29/32
48608	500	34/35

40 Liebig - without ground joint

Reference	Length (mm)
47304	150
47301	200
47305	250
47302	300
47303	400

41 Dimroth - coil, 2 ground joints

Reference	Length (mm)	Cone joint
48906	160	14/23
48907	160	19/26
48908	160	29/32
48909	200	14/23
48901	200	19/26
48902	200	24/29
48910	300	14/23
48911	300	19/26
48912	300	29/32
48913	400	24/29
48903	400	29/32
48904	500	29/32
48905	500	45/40

42 coil, 1 ground joint

Reference	Length (mm)	Joint
48401	150	29/32
48402	150	34/35
48404	200	14/23
48403	200	45/40
48405	250	29/32
48406	250	34/35
48407	250	45/40
48408	300	14/23
48409	300	29/32
48410	300	45/40
48411	400	29/32

44 Graham - coil, 2 ground joints

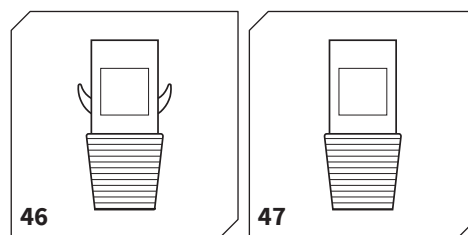
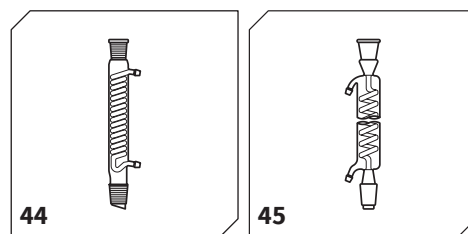
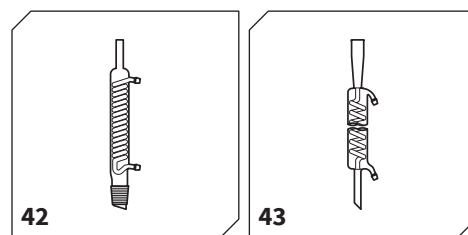
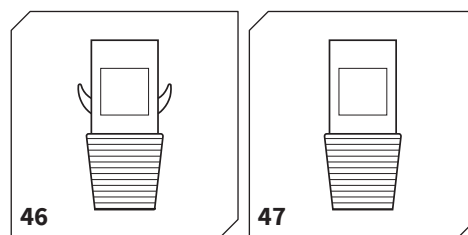
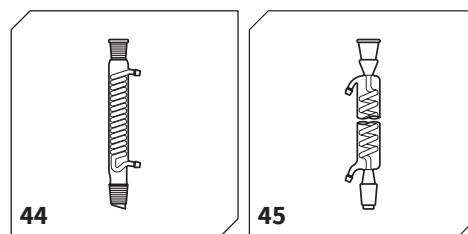
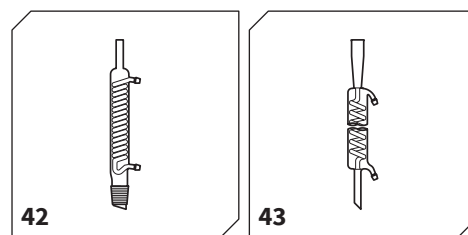
Reference	Extractor (ml)	Joint
48501	150	19/26
48502	150	24/29
48503	150	29/32
48509	250	19/26
48510	250	24/29
48511	250	29/32
48504	300	19/26
48505	300	24/29
48506	300	29/32
48507	400	24/29
48508	400	29/32

45 coil, male and female joint

Reference	Length (mm)	Joint
48303	150	24/29
48304	150	29/32
48301	200	19/32
48305	200	14/23
48306	250	24/29
48307	250	29/32
48302	300	29/32
48308	300	24/29
48309	400	29/32
48310	500	29/32

43 coil, without ground joint

Reference	Length (mm)
45300	160
45301	200
45303	250
45302	300
45304	400



Glass stopper

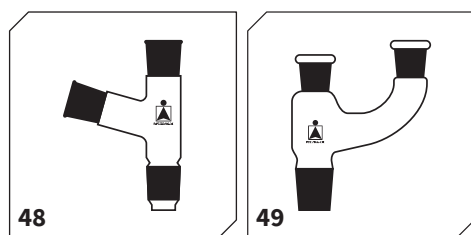
46 with clamps

Reference	Joint
51501	7/16
51502	10/19
51503	12/21
51504	14/23
51505	19/26
51506	24/29
51507	29/32
51508	34/35
51509	45/40

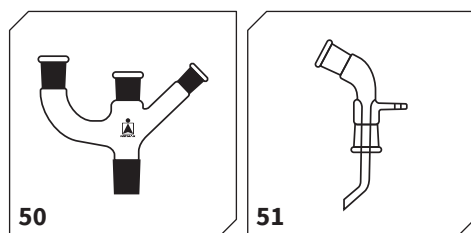
47 without clamps

Reference	Joint
51601	7/16
51602	10/19
51603	12/21
51604	14/23
51605	19/26
51606	24/29
51607	29/32
51608	34/35
51609	45/40

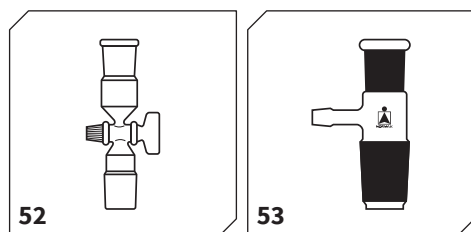
Adapters, joint and ground ware



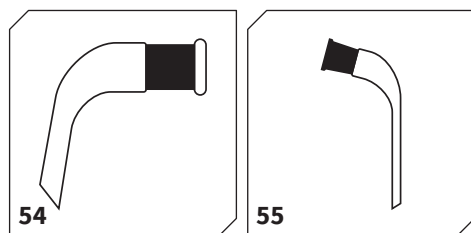
49



51



53



55

Adapter

48 2 parallel necks

Reference	Socket joint	Cone joint
40301	19/26	19/26
40302	24/29	19/26

49 2 parallel necks

Reference	Socket joint	Cone joint
40201	10/19	10/19
40202	14/23	14/23
40203	19/26	19/26
40204	19/26	19/26
40205	34/35	19/26
40206	24/29	24/29
40207	29/32	29/32

50 3 necks

Reference	Capacity (ml)	Size (mm)	Feature
40401	19/26	14/23	24/29
40402	19/26	19/26	24/29
40403	19/26	19/26	29/32
40404	19/26	19/26	34/35

51 Bent at 105°

Reference	Capacity (ml)	Size (mm)
52119	19/26	24/29
52120	29/32	29/32

52 with stopcock

Reference	Socket joint	Cone joint
52106	19/26	24/29
52107	24/29	24/29
40404	19/26	19/26

53 Connection "T"

Reference	Socket joint	Cone joint
40501	14/23	14/23
40502	14/23	19/26
40503	14/23	24/29
40504	19/26	19/26
40505	19/26	24/29
40506	19/26	29/32
40507	19/26	34/35
40508	24/29	24/29
40509	29/32	29/32

54 Receiver adapter bent, short

Reference	Socket joint	Cone joint
41101	65	14/23
41102	65	19/26
41103	65	24/29
41104	65	29/32

55 Receiver adapter bent, long

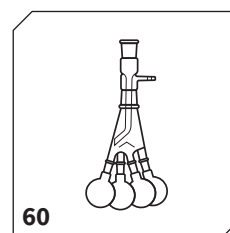
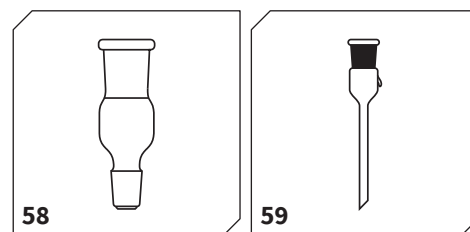
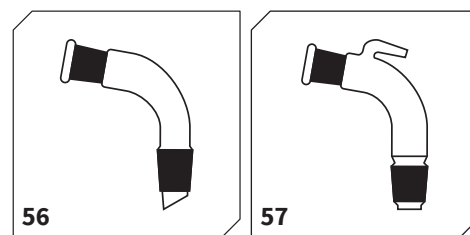
Reference	Socket joint	Cone joint
41201	120	10/19
41202	190	14/23
41203	200	19/26
41204	200	24/29
41205	200	29/32

56 Bent

Reference	Socket joint	Cone joint
41401	14/23	14/23
41402	19/26	19/26
41403	24/29	19/26
41404	24/29	24/29
41405	34/35	34/35

57 Bent with hose

Reference	Socket joint	Cone joint
41501	10/19	10/19
41502	14/23	14/23
41503	19/26	19/26
41504	19/26	24/29
41505	24/29	24/29
41506	29/32	29/32



58 Expansion

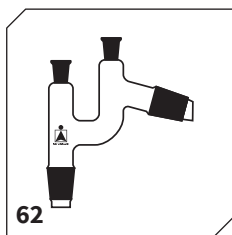
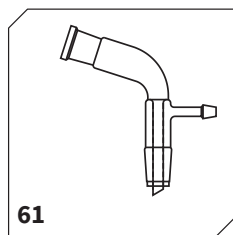
Reference	Socket joint	Cone joint
40101	14/23	10/19
40102	19/26	14/23
40103	24/29	14/23
40104	24/29	19/26
40105	29/32	14/23
40106	29/32	19/26
40107	29/32	24/29
40108	34/35	19/26
40109	34/35	24/29
40110	34/35	29/32
40111	40/38	29/32

59 straight delivery

Reference	Length (mm)	Socket joint
41307	80	19/26
41301	180	14/23
41302	180	19/26
41303	180	24/29
41304	180	29/32
41305	180	34/35
41306	300	45/40

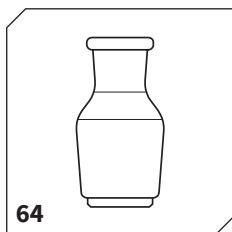
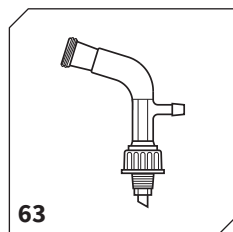
60 Straight with 4 flasks

Reference	Length (mm)	Joint upper size	Joint lower size
52113	50	14/23	19/26
52114	100	19/26	24/29
52115	100	29/32	29/32
52116	250	29/32	29/32



61 Receiver adapter bent, with vacuum connection

Reference	Length (mm)	Socket joint	Cone joint
41601	110	14/23	14/23
41602	130	19/26	19/26
41603	140	19/26	24/29
41604	140	24/29	24/29
41605	155	29/32	29/32



62 Vacuum connection 2 females and 2 males

Reference	Socket joint	Cone joint	Cone joint
42501	14/23	14/23	14/23
42502	19/26	19/26	14/23
42503	24/29	19/26	14/23
42504	24/29	24/29	14/23
42505	29/32	29/32	14/23
42506	34/35	19/26	14/23

63 Receiver adapter with vacuum connection and screw thread adapter

Reference	Length (mm)	Socket joint
9165005	29/32	29/32

64 Reduction

Reference	Joint socket	Cone joint
40001	10/19	14/23
40002	14/23	19/26
40003	14/23	24/29
40004	14/23	29/32
40005	19/26	24/29
40006	19/26	29/32
40007	19/26	34/35
40008	19/26	40/38
40009	19/26	45/40
40010	19/26	55/44
40011	24/29	29/32
40012	24/29	34/35
40013	24/29	40/38
40014	24/29	45/40
40015	24/29	50/42
40016	24/29	55/44
40017	29/32	34/35
40018	29/32	45/40
40019	34/35	40/38
40020	34/35	45/40
40021	34/35	50/42
40022	34/35	55/44

65 Thermometer

Reference	GL	Socket joint
45501	14	14/23
45502	14	19/26
45505	18	19/26
45506	18	29/32

66 Thermometer

Reference	Socket joint	Cone joint	Cone joint
42401	10/13	10/13	10/19
42402	14/23	14/23	14/23
42403	19/26	19/26	14/23
42404	19/26	19/26	19/26
42405	24/29	19/26	14/23
42406	24/29	24/29	14/23
42407	29/32	19/26	14/23
42408	29/32	29/32	14/23
42409	34/35	19/26	14/23
42410	34/35	24/29	14/23
42411	34/35	34/35	14/23

67 Cone with screwthread

Reference	GL	Joint side size	Joint central
44201	14	14/23	14/23
44202	14	14/23	19/26
44203	14	14/23	24/29
44204	14	19/26	29/32

68 Thermometer adapter ground and screw thread

Reference	Socket joint	Cone joint	Cone joint
9165004	19/26	19/26	19/26

69 75° - Recovery bends

Reference	Socket joint
42701	14/23 - 14/23
42702	19/26 - 19/26
42703	24/29 - 14/23
42704	24/29 - 19/26
42705	24/29 - 24/29
42706	29/32 - 19/26
42707	29/32 - 29/32
42708	34/35 - 19/26
42709	34/35 - 24/29

71 Straight connector

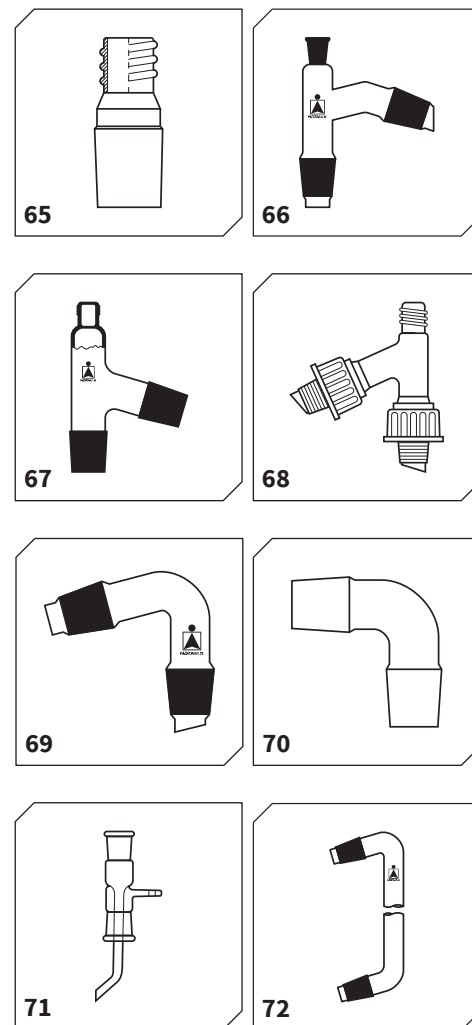
Reference	Joint upper size	Joint lower size
52125	14/23	19/26
52126	19/26	24/29
52127	29/32	29/32

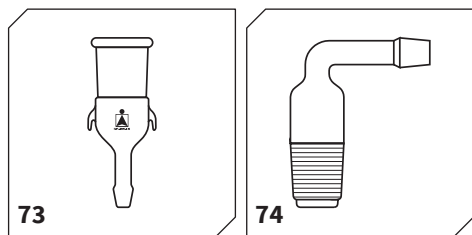
70 90° - Recovery bends

Reference	Socket joint
42710	14/23 - 14/23
42711	19/26 - 19/26
42712	24/29 - 14/23
42713	24/29 - 19/26
42714	24/29 - 24/29
42715	29/32 - 19/26
42716	29/32 - 29/32
42717	34/35 - 19/26
42718	34/35 - 24/29

72 Recovery bend, vertical

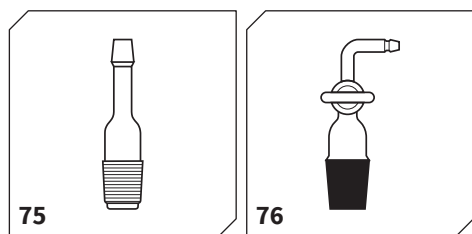
Reference	Joint upper size
42601	14/23 - 14/23
42602	19/26 - 19/26
42603	24/29 - 19/26
42604	24/29 - 24/29
42605	45/40 - 45/40
42606	29/32 - 29/32





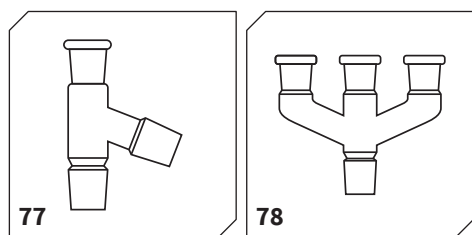
73 cone

Reference	Joint	Out. diam. olive (mm)
41002	24/29	9
41003	29/32	9



74 90° - Right angled connection

Reference	Joint	Out. diam. olive (mm)
40901	10/19	9
40902	14/23	9
40903	19/26	9
40904	24/29	9
40905	29/32	9
40906	34/35	9

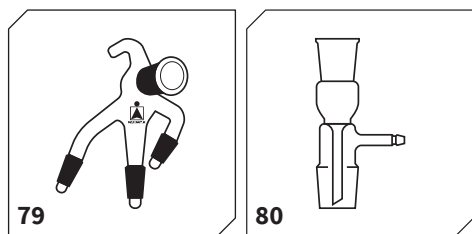


75 Cone, straight connection

Reference	Joint	Out. diam. olive (mm)
40801	14/23	9
40802	19/26	9
40803	24/29	9

76 With stopcock right angle

Reference	Joint	Out. diam. olive (mm)
41801	14/23	9
41802	19/26	9
41803	24/29	9
41804	29/32	9



77 Multiple

Reference	Joint
42719	14/23
42720	29/32

78 Multiple with 3 necks

Reference	Joint socket	Joint cone
42101	14/23	14/23
42102	19/26	29/32
42103	29/32	29/32

79 Multiple connections

Reference	Socket joint	Cone joint
42001	65	10/19
42002	110	14/23
42003	110	19/26
42004	115	29/32

80 Vertical receiver, vacuum connection

Reference	Socket joint	Cone joint
41700	140	24/29
41701	125	14/23

81 Multi-limb deliver

Reference	Socket joint	Cone joint
42100	19/26	14/23

Ground ware

82 Socket, rolled shoulder, single

Reference	Joint	Length (mm)	Outside Diam.(mm)	Thickness (mm)
49801	5/13	113	8	1,0
49802	7/16	116	10	1,5
49803	10/19	119	13	1,5
49804	12/21	121	15	1,8
49805	14/23	123	17	1,8
49806	19/26	126	22	1,8
49807	24/29	129	28	2,0
49808	29/32	132	33	2,0
49809	34/35	135	40	2,3
49811	45/40	140	50	2,5
49814	60/46	180	65	3,2

83 Socket, rolled shoulder, double

Reference	Joint	Length (mm)	Outside Diam.(mm)	Thickness (mm)
20804	19/26	142	22	1,8
20805	24/29	168	28	2,0
20806	29/32	174	34	2,0
20807	34/35	180	40	2,3
20808	45/40	190	50	2,5

84 DIN 12249, ISO 383 - cone, plain end, double

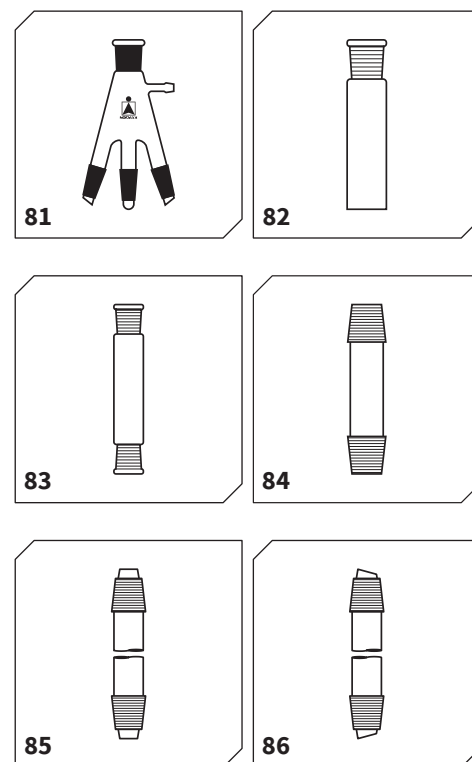
Reference	Joint	Length (mm)	Outside Diam.(mm)	Thickness (mm)
20001	10/19	90	9	1,0
20008	12/21	121	11	1,5
20002	14/23	123	13	1,5
20003	19/26	128	17	1,8
20004	24/29	144	22	1,8
20005	29/32	150	26	2,0
20006	34/35	153	30	2,0
20007	45/40	160	40	2,3

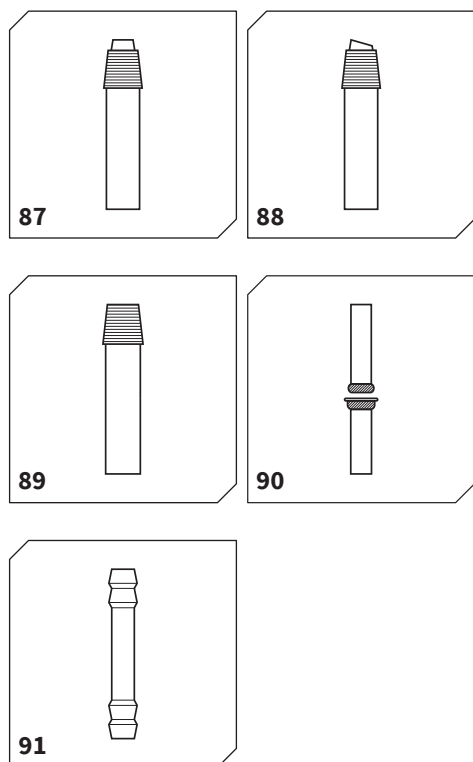
85 cone, long tip, double

Reference	Joint	Length (mm)	Outside Diam.(mm)	Thickness (mm)
20601	14/23	55	14	1,5
20602	19/26	60	18	1,8
20603	24/29	95	22	1,8
20604	29/32	125	28	2,0

86 cone angled end, double

Reference	Joint	Length (mm)	Outside Diam.(mm)
20201	14/23	156	3
20202	19/26	166	17
20203	24/29	188	22
20204	29/32	200	26



**87 cone, long tip, single**

Reference	Joint	Length (mm)	Outside Diam.(mm)	Thickness (mm)
20302	10/19	90	9	1,0
20311	12/21	121	11	1,5
20303	14/23	123	13	1,5
20304	19/26	128	17	1,8
20305	24/29	144	22	1,8
20306	29/32	150	26	2,0
20307	34/35	153	30	2,0
20309	45/40	160	40	2,3

88 DIN 12249, ISO 383 - cone, angled end

Reference	Joint	Length (mm)	Outside Diam.(mm)	Thickness (mm)
49601	10/19	90	9	1,0
49602	12/21	121	11	1,5
49603	14/23	123	13	1,5
49604	19/26	128	17	1,8
49605	24/29	144	22	1,8
49606	29/32	150	26	2,0
49607	34/35	153	30	2,0
49609	45/40	160	40	2,3

89 cone, plain end

Reference	Joint	Length (mm)	Outside Diam.(mm)	Thickness (mm)
49701	5/13	113	4	0,8
49702	7/16	116	6	1,5
49703	10/19	119	8	1,5
49704	12/21	121	11	1,5
49705	14/23	123	13	1,5
49706	19/26	126	17	1,8
49707	24/29	139	22	1,8
49708	29/32	142	26	2,0
49709	34/35	145	30	2,0
49711	45/40	150	40	2,3
49714	60/46	166	56	2,5

90 male and female, spherical

Reference	joint	Length (mm)	Outside Diam.(mm)	Thickness (mm)
20901	S-13	100	8	12.700
20902	S-13	100	8	12.700
20903	S-19	100	13	19.050
20904	S-29	100	20	28.575
20905	S-35	100	24	34.925
20906	S-41	100	32	41.275
20907	S-51	100	38	50.800

Connector**91 double**

Reference	Capacity (ml)	Outside Diam.(mm)	Thickness (mm)
25101	115	6	1,5
25102	115	8	1,5
25103	115	9	1,5
25104	115	10	1,5
25105	115	11	1,5
25106	115	12	1,5

Splash head

92 2 vertical ground cone

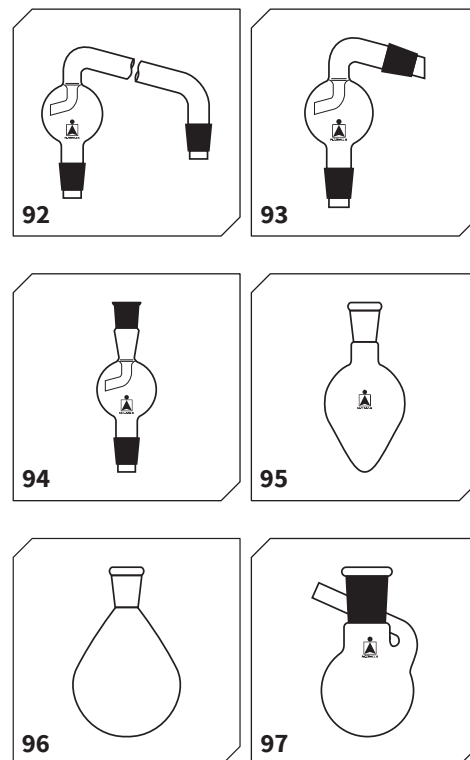
Reference	Vertical joint	Side size joint
42801	19/26	19/26
42802	24/29	19/26
42803	24/29	24/29
42804	14/23	14/23
42805	29/32	29/32

93 Sloping type

Reference	Vertical joint	Side size joint
42907	14/23	14/23
42901	19/26	19/26
42902	24/29	19/26
42903	24/29	24/29
42904	29/32	29/32
42905	34/35	19/26
42906	34/35	34/35

94 Stutzer type

Reference	Vertical joint	Side size joint
43101	14/23	14/23
43100	19/26	24/29
43102	29/32	29/32



Flasks

95 conical shaped

Reference	Capacity (ml)	Joint
46600	50	19/26
46601	100	19/26
46602	250	29/32
46603	500	29/32
46604	1000	29/32

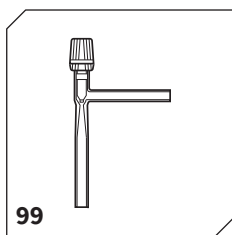
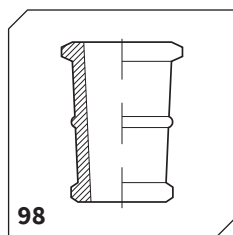
96 pear shaped

Reference	Capacity (ml)	Joint
46501	100	29/32
46502	250	29/32
46503	500	29/32
46504	1000	29/32

97 round bottom, hose connection

Reference	Capacity (ml)	Joint
45900	25	14/23

Stopcocks



98 stopcock barrel, neutral glass

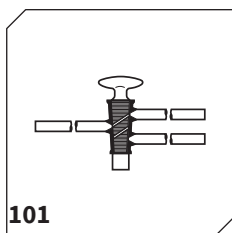
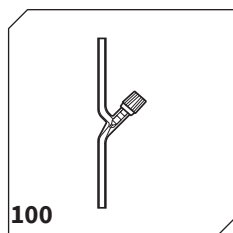
Reference	Joint	Bore (mm)	Diameter (mm)
26203	19	19	18,8
6508002	black		

99 with PTFE gasket, 90° angled

Reference	Joint	Tube (mm)
2415202S	0 - 2.5	9
2415203S	0 - 4	10
2415204S	0 - 6	10

100 with PTFE gasket

Reference	Joint	Tube (mm)
2415202S	0 - 2.5	9
2415203S	0 - 4	10
2415204S	0 - 6	10



101 two-way vacuum parallel

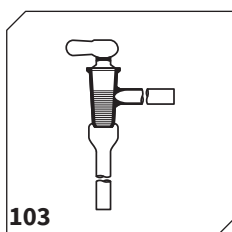
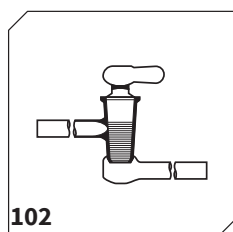
Reference	Stem. (mm)	Bore (mm)	Stem length (mm)
50301	8	1,5	100
50302	9	2,5	100
50303	10	4	100

102 two-way vacuum straight

Reference	Stem. (mm)	Bore (mm)
50901	8	3
50902	11	6
50903	13	8
50904	15	10

103 two-way lateral, vacuum

Reference	Stem. (mm)	Diameter Stem (mm)
50801	2	6
50802	4	9
50803	6	11
50804	8	13
50805	10	15



104 three-way vacuum

Reference	Stem. (mm)	Bore (mm)
50701	2	6
50702	4	9
50703	6	11
50704	8	13
50705	10	15

105 T, 3 way

Reference	Stem. (mm)	Diameter Stem (mm)	Stem length (mm)
50401	8	2	100
50402	9	2,5	100
50403	10	4	100

106 tap for aspirator bottle

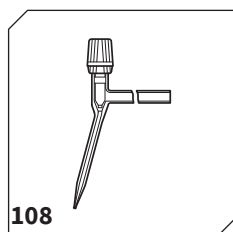
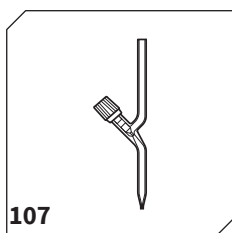
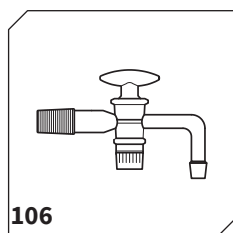
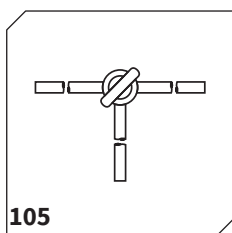
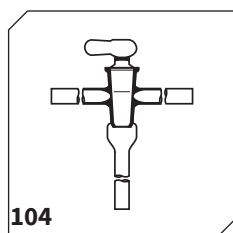
Reference	Joint	Bore (mm)
50602	19	6

107 for burette, PTFE gasket

Reference	Tube (mm)	Passage
2415402S	9	0 - 2,5
2415403S	10	0 - 4
2415404S	10	0 - 6

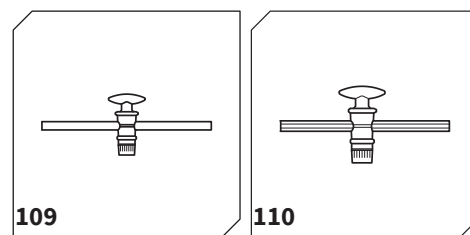
108 for burette, capillary end with PTFE

Reference	Tube (mm)	Passage
2415502S	9	0 - 2,5
2415503S	10	0 - 4
2415504S	10	0 - 6



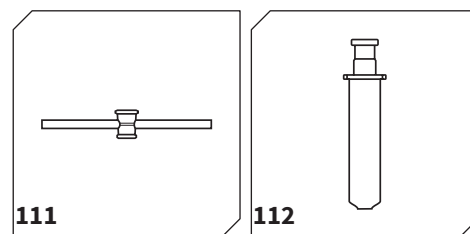
109 one-way stopcock, glass key

Reference	Diam. bore x diam. stem (mm)	Stem length (mm)	Joint
50201	2,5 x 8	100	12
50202	4 x 10	100	14
50203	6 x 13	100	19



110 one-way stopcock, PTFE key

Reference	Diam. bore x diam. stem (mm)	Stem length (mm)	Joint
50101	2,5 x 8	100	12
50102	4 x 10	100	14
50103	6 x 13	100	19



111 one-way stopcock capilar glass

Reference	Diam. bore x diam. stem (mm)	Stem length (mm)
50501	1,5 x 8	100
50502	2,5 x 9	100

112 one-way stopcock semi-finished, 02mm ground, soda-lime glass

Reference	Diam. bore x diam. stem (mm)	Stem length (mm)
28201	1,5 x 8	100
28202	2,5 x 9	100
28203	4 x 10	100



filter Qtd: 100 pcs

Membranas MCE, branca com quadriculado preto
Estéril, embalada individualmente

MCE membranes, white with black grid
Sterile, individually packed

Grau: 754
Grade



REF NX304745

Porosidade: 0,45 μ m
Pore size



LOT 140903145

Diâmetro: 47mm
Diameter



09/2017

Rua Santa Isabel, 17
2430-475 Marinha Grande - Portugal

tel. + 351 244 572 064
e-mail: normax@normax.pt

Sterile Sterile Sterile Sterile

Filter
Membrane Filter
Membrane Filter
Membrane Filter

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02 General Labware

2.1 FILTER PAPER

Standard filter

- 62 . Standard
- 62 . Type Joseph

Quantitative filter

- 63 . Type SCLO
- 63 . Type SCMO
- 64 . Type SCSG
- 64 . Type SCRO
- 64 . Type SCTR

Qualitative

- 65 . Type FC29E
- 65 . Type FC22L
- 66 . Type FC27E
- 66 . Type FC49L
- 66 . Type FC28M
- 67 . Type FC20M
- 67 . Type FC75M
- 67 . Type FC26R
- 68 . Type FC21R
- 68 . Type FC25R
- 68 . Type FC75R
- 69 . Type FC150R

Glass microfibre filter

- 69 . Type FV340
- 70 . Type FV280

Various

- 70 . Extraction thimble
- 71 . Absorbent paper
- 71 . Filter paper
- 71 . Universal paper pH
- 71 . MCE Membrane filter
- 71 . Indicator paper
- 72 . J-Quant Test Strips
- 72 . Non-bleeding pH Indicator Strips

Filter paper applications

Standard filter

- Food industry
- Research
- Education
- Health and pharmaceutical industry

Quantitative filter

- Food industry
- Chemistry
- Beverages
- Metallurgical industry

Qualitative filter

- Food industry
- Chemistry
- Beverages
- Education
- Pollution
- Oils

Glass microfibre filter

- Food industry
- Water and solvent
- Petroleum industry
- Analysis of atmospheric pollution

Extraction thimble

- Food industry
- Analysis of atmospheric pollution



Standard Filter Paper

Filter application

- Food industry
- Research
- Education
- Health and pharmaceutical industry

Standard

Type	Standard	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	77	APSB001	—	55	100
Thickness (mm)	0,16/0,18	APSB002	APBS014	70	100
pH	7	APSB003	—	90	100
Humidity (%)	100	APSB004	APBS015	100	100
Resistance, dry state:		APSB005	APBS016	130	100
Longitudinal (Kg)	3,5/4,0>3,5	APSB006	APBS017	150	100
Through (Kg)	1,3/1,4>2,2	APSB007	—	185	100
Resistance, wet state:		APSB008	APBS018	190	100
Longitudinal (Kg)	>0,8	APSB009	APBS019	250	100
Through (Kg)	>0,5	APSB010	APBS020	330	100
Porosity (m)	8-11	APSB011	APBS021	400	100
		APSB012	APBS022	450	100
		APSB013	APBS023	500	100
Ideal for:		—	APBS024	650	100

Hospitals, food and pharmaceutical industries, research and education

Type Joseph, standard

Reference	Paper Type	Weight (g/m ²)	Diameter	Pack unit
APSX001	Joseph	25	15 x 15	500
APSX002	Joseph	25	35 x 50	500
APSX003	Joseph	25	35 x 50	800
APSX004	white 7 Kg	67	40/42 x 52	500
APSX005	white 7 Kg	77	52 x 52	500
APSX006	grey	60	42 x 52	500



Quantitative Filter Paper

Filter application

- Food industry
- Chemistry
- Beverages
- Education
- Pollution
- Oils



Type SCLO, quantitative

Type	SCLO	Reference Flat	Reference Folded	Diameter	Pack unit
Weight (g/m ²)	80				
Thickness (mm)	0,2	APSK001	—	12	100
Retention (µm)	3	APSK002	—	22	100
Filtration speed (s)	100	APSK003	—	40	100
Resistance, wet state	Medium	APSK004	—	55	100
Filtration speed	Slow	APSK005	APSK014	70	100
Texture	Dense	APSK006	APSK015	90	100
		APSK007	APSK016	110	100
		APSK008	APSK017	125	100
		APSK009	APSK018	135	100
		APSK010	APSK019	150	100
		APSK011	APSK020	185	100
		APSK012	APSK021	210	100
		APSK013	APSK022	240	100

Ideal for:

Retention of fine precipitates.
Chemistry, metallurgy, industry food/beverage and drinks.

Type SCMO, quantitative

Type	SCMO	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	80				
Thickness (mm)	0,16	APSL023	—	12	100
Retention (µm)	6	APSL024	—	22	100
Filtration speed (s)	40	APSL025	—	40	100
Resistance, wet state	Medium	APSL026	—	55	100
Filtration speed	Medium	APSL027	APSL036	70	100
Texture	Medium	APSL028	APSL037	90	100
		APSL029	APSL038	110	100
		APSL030	APSL039	125	100
		APSL031	APSL040	135	100
		APSL032	APSL041	150	100
		APSL033	APSL042	185	100
		APSL034	APSL043	210	100
		APSL035	APSL044	240	100

Ideal for:

General gravimetric analysis;
Chemistry, metallurgy, industry food/beverage and drinks

Type SCSG, quantitative

Type	SCSG	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	80				
Thickness (mm)	0,16	APSL001	—	12	100
Retention (µm)	6	APSL002	—	22	100
Filtration speed (s)	40	APSL003	—	40	100
Resistance, wet state	Medium	APSL004	—	55	100
Filtration speed	Medium, without fats	APSL005	APSL014	70	100
Texture	Medium	APSL006	APSL015	90	100
		APSL007	APSL016	110	100
		APSL008	APSL017	125	100
		APSL009	APSL018	135	100
Ideal for:		APSL010	APSL019	150	100
Determination of fats in food industry;		APSL011	APSL020	185	100
Chemistry, metallurgy, industry food/beverage		APSL012	APSL021	210	100
and drinks		APSL013	APSL022	240	100

Type SCRO, quantitative

Type	SCRO	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	80				
Thickness (mm)	0,13	APSM001	—	12	100
Retention (µm)	15	APSM002	—	22	100
Filtration speed (s)	12	APSM003	—	40	100
Resistance, wet state	Correct	APSM004	—	55	100
Filtration speed	Very fast	APSM005	APSM014	70	100
Texture	Loose	APSM006	APSM015	90	100
		APSM007	APSM016	110	100
		APSM008	APSM017	125	100
		APSM009	APSM018	135	100
Ideal for:		APSM010	APSM019	150	100
Chemistry, metallurgy, industry food/beverage		APSM011	APSM020	185	100
and drinks		APSM012	APSM021	210	100
		APSM013	APSM022	240	100

Type SCTR, quantitative

Type	SCTR	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	80				
Thickness (mm)	0,13	APSN001	-	12	100
Retention (µm)	15	APSN002	-	22	100
Filtration speed (s)	12	APSN003	-	40	100
Resistance, wet state	Correct	APSN004	-	55	100
Filtration speed	Very fast	APSN005	APSN014	70	100
Texture	Loose	APSN006	APSN015	90	100
		APSN007	APSN016	110	100
		APSN008	APSN017	125	100
		APSN009	APSN018	135	100
Ideal for:		APSN010	APSN019	150	100
Retention of big precipitates as metal hydrides;		APSN011	APSN020	185	100
Chemistry, metallurgy, food/beverage and		APSN012	APSN021	210	100
drinks industry.		APSN013	APSN022	240	100

Quantitative Filter Paper

Filter Application

- Food industry
- Chemistry
- Beverages
- Education
- Pollution
- Oils



Type FC29E, qualitative

Type	FC29E	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	180				
Thickness (mm)	0,45	APSC001	—	25	100
Retention (µm)	2	APSC002	—	40	100
Filtration speed (s)	200	APSC003	—	55	100
Resistance, wet state	Very good	APSC004	—	70	100
Filtration speed	Very slow	APSC005	APSC022	90	100
Texture	Extra-hard	APSC006	APSC023	110	100
		APSC007	APSC024	125	100
		APSC008	APSC025	135	100
		APSC009	APSC026	150	100
		APSC010	APSC027	185	100
		APSC011	APSC028	210	100
		APSC012	APSC029	240	100
		APSC013	APSC030	270	100
		APSC014	APSC031	320	100
		APSC015	APSC032	385	100
		APSC016	APSC033	450	100
		APSC017	APSC034	500	100
		APSC018	APSC035	650*	50
		APSC019	APSC036	700*	50
		APSC020	APSC037	800*	50
		APSC021	—	900*	50

Ideal for:

Aqueous solutions and volatile liquids such as alcohols, fuels, ether, etc;
Education, chemistry, environmental control, oil and food/beverage industry.

Type FC22L, qualitative

Type	FC22L	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	85				
Thickness (mm)	0,20	APDS001	—	25	100
Retention (µm)	3	APDS002	—	40	100
Filtration speed (s)	100	APDS003	—	55	100
Resistance, wet state	Medium	APDS004	APDS016	70	100
Filtration speed	Slow	APDS005	APDS017	90	100
Texture	Dense, with high retention	APDS006	APDS018	110	100
		APDS007	APDS019	125	100
		APDS008	APDS020	135	100
		APDS009	APDS021	150	100
		APDS010	APDS022	185	100
		APDS011	APDS023	210	100
		APDS012	APDS024	240	100
		APDS013	APDS025	270	100
		APDS014	APDS026	320	100
		APDS015	APDS027	385	100
		—	APDS028	450	100
		—	APDS029	500	100

Ideal for:

Vacuum filtration of injectable serum, etc;
Education, chemistry, environmental control, oil and food/beverage industry.

Type FC27E, qualitative

Type	FC27E	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	160				
Thickness (mm)	0,45	APSG001	—	25	100
Retention (µm)	8	APSG002	—	40	100
Filtration speed (s)	120	APSG003	—	55	100
Resistance, wet state	Good	APSG004	APSG124	70	100
Filtration speed	Slow	APSG005	APSG019	90	100
Texture	Thick, extra-soft	APSG006	APSG020	110	100
		APSG007	APSG021	125	100
		APSG008	APSG022	135	100
		APSG009	APSG023	150	100
		APSG010	APSG024	185	100
		APSG011	APSG025	210	100
		APSG012	APSG026	240	100
		APSG013	APSG027	270	100
		APSG014	APSG028	320	100
		APSG015	APSG029	385	100
		APSG016	APSG030	450	100
		APSG017	APSG031	500	100

Ideal for:
Filtration of oils, syrups, fat substances;
Education, chemistry, environmental control,
oil and food/beverage industry;
Can be used with Buchner funnel.

Type FC49L, qualitative

Type	FC49L	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	150				
Thickness (mm)	0,40	APSD032	—	25	100
Retention (µm)	2	APSD033	—	40	100
Filtration speed (s)	180	APSD034	—	55	100
Resistance, wet state	Very good	APSD030	—	70	100
Filtration speed	Slow	APSD031	APSD047	90	100
Texture	High retention and good solidity	APSD035	APSD048	110	100
		APSD036	APSD049	125	100
		APSD037	APSD050	135	100
		APSD038	APSD051	150	100
		APSD039	APSD052	185	100
		APSD040	APSD053	210	100
		APSD041	APSD054	240	100
		APSD042	APSD055	270	100
		APSD043	APSD056	320	100
		APSD044	APSD057	385	100
		APSD045	APSD058	450	100
		APSD046	APSD059	500	100

Ideal for:
Biochemistry and pharmaceuticals industry;
Education, chemistry, environmental control,
oil and food/beverage industry.

Type FC28M, qualitative

Type	FC28M	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	80				
Thickness (mm)	0,18	APSF067	—	25	100
Retention (µm)	5	APSF001	—	40	100
Filtration speed (s)	40	APSF002	—	55	100
Resistance, wet state	Very good	APSF003	APSF017	70	100
Filtration speed	Medium	APSF004	APSF018	90	100
Texture	Very high even when wet	APSF005	APSF019	110	100
		APSF006	APSF020	125	100
		APSF007	APSF021	135	100
		APSF008	APSF022	150	100
		APSF009	APSF023	185	100
		APSF010	APSF024	210	100
		APSF011	APSF025	240	100
		APSF012	APSF026	270	100
		APSF013	APSF027	320	100
		APSF014	APSF028	385	100
		APSF015	APSF029	450	100
		APSF016	APSF030	500	100

Ideal for:
Alkaline or acid solutions;
Education, chemistry, environmental control,
oil and food/beverage industry.

Type FC20M, qualitative

Type	FC20M	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	77				
Thickness (mm)	0,13	APSF031	-	25	100
Retention (µm)	5	APSF032	-	40	100
Filtration speed (s)	40	APSF033	-	55	100
Resistance, wet state	Good	APSF034	APSF048	70	100
Filtration speed	Medium	APSF035	APSF049	90	100
Texture	Good	APSF036	APSF050	110	100
		APSF037	APSF051	125	100
		-	APSF052	135	100
		APSF039	APSF053	150	100
		APSF040	APSF054	185	100
		APSF041	APSF055	210	100
		APSF042	APSF056	240	100
		APSF043	APSF057	270	100
		APSF044	APSF058	320	100
		APSF045	APSF059	385	100
		APSF046	APSF060	450	100
		APSF047	APSF061	500	100

Type FC75M, qualitative

Type	FC75M	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	75				
Thickness (mm)	0,16	APSF062	-	25	100
Retention (µm)	6	APSF068	-	40	100
Filtration speed (s)	50	APSF069	-	55	100
Resistance, wet state	Medium	APSF063	APSF080	70	100
Filtration speed	Medium	APSF064	APSF081	90	100
Texture	Very pure	APSF065	APSF082	110	100
		APSF070	APSF083	125	100
		APSF071	APSF084	135	100
		APSF072	APSF085	150	100
		APSF073	APSF086	185	100
		APSF074	APSF087	210	100
		APSF066	APSF088	240	100
		APSF075	APSF089	270	100
		APSF076	APSF090	320	100
		APSF077	APSF091	385	100
		APSF078	APSF092	450	100
		APSF079	APSF093	500	100

Type FC26R, qualitative

Type	FC26R	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	75				
Thickness (mm)	0,15	APSG034	-	25	100
Retention (µm)	10	APSG035	-	40	100
Filtration speed (s)	30	APSG036	-	55	100
Resistance, wet state	Good	APSG037	APSG051	70	100
Filtration speed	Fast	APSG038	APSG052	90	100
Texture	Very pure	APSG039	APSG053	110	100
		APSG040	APSG054	125	100
		APSG041	APSG055	135	100
		APSG042	APSG056	150	100
		APSG043	APSG057	185	100
		APSG044	APSG058	210	100
		APSG045	APSG059	240	100
		APSG046	APSG060	270	100
		APSG047	APSG061	320	100
		APSG048	APSG062	385	100
		APSG049	APSG063	450	100
		APSG050	APSG064	500	100

Type FC21R, qualitative

Type	FC21R	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	75				
Thickness (mm)	0,17	APSG127	—	25	100
Retention (µm)	10	APSG128	—	40	100
Filtration speed (s)	35	APSG129	—	55	100
Resistance, wet state	Medium	APSG130	APSG143	70	100
Filtration speed	Fast	APSG131	APSG144	90	100
Texture	Very pure	APSG065	APSG145	110	100
		APSG132	APSG146	125	100
		APSG133	APSG147	135	100
		APSG134	APSG148	150	100
		APSG135	APSG149	185	100
		APSG136	APSG150	210	100
		APSG137	APSG151	240	100
		APSG138	APSG152	270	100
		APSG139	APSG153	320	100
		APSG140	APSG154	385	100
		APSG141	APSG155	450	100
		APSG142	APSG156	500	100

Type FC25R, qualitative

Type	FC25R	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	77				
Thickness (mm)	0,15	APSG093	—	25	100
Retention (µm)	8	APSG094	—	40	100
Filtration speed (s)	35	APSG095	—	55	100
Resistance, wet state	Medium	APSG096	APSG110	70	100
Filtration speed	Fast	APSG097	APSG111	90	100
Texture	Smooth	APSG098	APSG112	110	100
		APSG099	APSG113	125	100
		APSG100	APSG114	135	100
		APSG101	APSG115	150	100
		APSG102	APSG116	185	100
		APSG103	APSG117	210	100
		APSG104	APSG118	240	100
		APSG105	APSG119	270	100
		APSG106	APSG120	320	100
		APSG107	APSG121	385	100
		APSG108	APSG122	450	100
		APSG109	APSG123	500	100

Type FC75R, qualitative

Type	FC75R	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	60				
Thickness (mm)	0,12	APSH028	—	25	100
Retention (µm)	12	APSH001	—	40	100
Filtration speed (s)	25	APSH002	—	55	100
Resistance, wet state	Good	APSH003	APSH014	70	100
Filtration speed	Very fast	APSH004	APSH015	90	100
Texture	Very resistant	APSH005	APSH016	110	100
		APSH006	APSH017	125	100
		APSH007	APSH018	135	100
		APSH008	APSH019	150	100
		APSH009	APSH020	185	100
		APSH010	APSH021	210	100
		APSH011	APSH022	240	100
		APSH012	APSH023	270	100
		APSH013	APSH024	320	100
		APSH029	APSH025	385	100
		APSH030	APSH026	450	100
		APSH031	APSH027	500	100

Type FC150R, qualitative

Type	FC150R	Reference Flat	Reference Folded	Diameter (mm)	Pack unit
Weight (g/m ²)	150				
Thickness (mm)	0,35	APSG066	—	25	100
Retention (µm)	8	APSG067	—	40	100
Filtration speed (s)	40	APSG068	—	55	100
Resistance, wet state	Very good	APSG069	—	70	100
Filtration speed	Fast	APSG070	APSG080	90	100
Texture	Crepe paper 150 g/m ²	APSG071	APSG081	110	100
		APSG072	APSG082	125	100
		APSG073	APSG083	135	100
		APSG074	APSG084	150	100
		APSG075	APSG085	185	100
		APSG076	APSG086	210	100
		APSG077	APSG087	240	100
		APSG078	APSG088	270	100
		APSG079	APSG089	320	100
		APSG057	APSG090	385	100
		APSG058	APSG091	450	100
		APSG059	APSG092	500	100

Ideal for:

Filtration of loaded liquids;
Education, chemistry, environmental control,
oil and food/beverage industry.

Glass microfibre filter

Filter application

- Food industry
- Water and solvent
- Petroleum industry
- Analysis of atmospheric pollution



Type FV340, glass microfibre

Type	Fv340	Reference Flat	Diameter (mm)	Pack unit
Efficiency (%)	99,99			
Weight (g/m ²)	200	APSP043	20	100
Thickness (mm)	1,70	APSP044	21	100
Retention (µm)	0,8	APSP045	24	100
Filtration speed (s)	24	APSP046	25	100
Resistance, wet state	Good	APSP047	40	100
		APSP048	45	100
		APSP049	47	100
		APSP050	55	100
		APSP051	60	100
		APSP052	70	100
		APSP053	90	100
		APSP054	110	100
		APSP055	125	100
		APSP056	130	100
		APSP057	140	100
		APSP058	150	100
		APSP059	160	100
		APSP060	185	100
		APSP061	200	100
		APSP062	210	100
		APSP063	240	100

Ideal for:

For filtration of very thin precipitates with very high retention;

Type FV280, glass microfibre

Type	FV280	Reference Flat	Diameter (mm)	Pack unit
Efficiency (%)	99,99	APSP001	20	100
Weight (g/m ²)	85	APSP002	21	100
Thickness (mm)	0,80	APSP003	24	100
Retention (µm)	0,7	APSP004	25	100
Filtration speed (s)	12	APSP005	40	100
Resistance, wet state	Very good	APSP006	45	100
		APSP007	47	100
Ideal for:		APSP008	55	100
Biochemistry and atmospheric pollution analysis;		APSP009	60	100
		APSP010	70	100
		APSP011	90	100
		APSP012	110	100
		APSP013	125	100
		APSP014	130	100
		APSP015	140	100
		APSP016	150	100
		APSP017	160	100
		APSP018	185	100
		APSP019	200	100
		APSP020	210	100
		APSP021	240	100



Extraction thimble

Filter application

- Food industry
- Analysis of atmospheric pollution

Ideal for:

Soxhlet, Kumagawa extraction apparatus and other extraction equipments;
Food industry, atmospheric pollution analysis, asphalts, etc.

Extraction thimble

Made of pure fat-free cellulose cotton in a unique piece, high mechanical resistance

Reference Flat	Internal Diam. (mm)	External Diam. (mm)	Height (mm)	Pack unit
APBD001	14	16	30	25
APBD002	19	22	90	25
APBD003	18	22	60	25
APBD004	22	26	60	25
APBD005	23	27	80	25
APBD006	26	30	100	25
APBD007	29	34	80	25
APBD008	33	36	80	25
APBD009	33	36	94	25
APBD010	33	36	100	25
APBD011	34	37	130	25
APBD012	37	41	123	25
APBD013	38	41	150	25
APBD014	41	47	123	25
APBD015	46	52	165	25
APBD016	54	58	170	25
APBD017	58	62	170	25
APBD018	65	70	240	25
APBD019	75	80	200	25
APBD020	75	80	250	25
APBD021	92	95	250	25

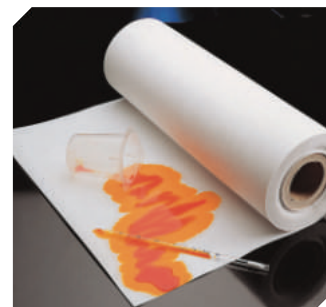
Absorbent paper

120 gsm with two layers: one incellulose (great liquid absorption)the other of polyethylene(ensures complete waterproof)

Reference Flat	Diameter int (mm)	Diameter ext (mm)	Height (mm)	Pack unit
7120003	reel	0,244	86	170
7120002	sheets	0,244	86	170

For use in the following applications:

- laboratory trays and tables protection
- pathological anatomy laboratories
- seed germination (between-paper method)
- spillage recovering using its leaktight surface
- particularly suitable for working with materials that are valuable (precious metals)or hazardous (toxic or corrosive materials)



Filter paper

Reference	pH	Absorption Klemm (mm)	Pore (±Ømicrons)	Size (cm)	Pack unit
7120010	0,170 (±0,02)	89	30-40	50 x 50	100



Universal paper pH



Black grid

Reference	pH	Graduation	Pack unit
NX30114T	0-14	0-1.0-2.0-3.0-4.0-5.0-6.0-7.0-8.0-9.0-10.0-11.0-12.0-13.0-14.0	100
NX30114R	1-14	1.0-2.0-3.0-4.0-5.0-6.0-7.0-8.0-9.0-10.0-11.0-12.0-13.0-14.0	5 meters roll



MCE Membrane filter



Black grid

Reference	Feature	Pack unit
NX304745	sterile, diam. 47mm x 0,45 µm, white	100
NX304722	sterile, diam. 47mm x 0,22 µm, white	100



Indicator paper

Reference	Feature	Colour change	Pack unit
AKDJ016	Litmus (red)	basic pH (blue)	200
AKDJ017	Congo (red)	pH 3.0-5.0 (blue)	200
AKDJ018	Nethyl (orange)	pH < 3.1 (red), pH>4.4 (yellow)	200
AKDJ019	Litmus (blue)	acid pH (red)	200
AKDJ020	Neutral litmus (violet)	acid pH (red) and basic pH (blue)	200





J-Quant Test Strips

Reference	Diameter int (mm)	Graduation	Pack unit
J210.1	J-QUANT Ammonium 400	0-10-25-50-100-200-400 mg/L	100
J212.1	J-QUANT Ascorbic Acid 2000	0-50-100-200-300-500-700-1000-2000 mg/L	100
J214.1	J-QUANT Carbonate Hardness	0-5-10-15-20-30 °d	100
J161.1C	J-QUANT Chlorine 5	0-0.5-1-3-5 mg/L	100
J216.1	J-QUANT Chlorine 20	0-1-3-5-10-20 mg/L	100
J163.C	J-QUANT Chlorine 300	0-25-50-100-200-300 mg/L	100
J164.1C	J-QUANT Chlorine 1000	0-50-100-250-500-1000 mg/L	100
J250.1	J-QUANT Copper 300	0-10-30-100-300 mg/L	100
J173.5C	J-QUANT Fluoride 100	0-10-25-50-100 mg/L	100
J230.1	J-QUANT Glucose 500	0-10-25-50-100-250-500 mg/L	100
J238.1	J-QUANT Glucose 2000	0-100-250-500-1000-2000 mg/dL	100
J236.1	J-QUANT Iodine 225	0-50-75-150-225 mg/L	100
J248.1	J-QUANT Iron 500	0-3-10-25-50-100-250-500 mg/L	100
J176.5C	J-QUANT Nitrate 500	0-10-25-50-250-500 mg/L	100
J175.5C	J-QUANT Nitrite 25	0-0.5-1-5-10-25 mg/L	100
J218.1	J-QUANT Nitrite 80	0-2-5-10-20-40-80 mg/L	100
J242.1	J-QUANT Nitrate/Nitrite 500/25	0-10-25-50-100-250-500 mg/L 0-0.5-1-5-10-25 mg/L	100
J254.1	J-QUANT Nitrate/Nitrite 500/80	0-10-25-50-100-250-500 mg/L 0-2-5-10-20-40-80 mg/L	100
J167.5C	J-QUANT Peracetic Acid 50	0-5-10-20-30-50 mg/L	100
J168.5C	J-QUANT Peracetic Acid 500	0-100-150-200-250-300-400-500 mg/L	100
J228.1	J-QUANT Peracetic Acid 2000	0-500-1000-1500-2000 mg/L	100
J220.1	J-QUANT Peroxide 25	0-0.5-2-5-10-25 mg/L	100
J165.5C	J-QUANT Peroxide 100	0-1-3-10-30-100 mg/L	100
J222.1	J-QUANT Peroxide 1000	0-100-200-400-600-800-1000 mg/L	100
J224.1	J-QUANT Phosphate 500	0-3-10-25-50-100 mg/L	100
J012.1	J-QUANT Silver 10	0-1-1.75-2.75-3.5-5-7-10 g/L	10x20
J172.5C	J-QUANT Sulphite 500	10-50-100-250-500 mg/L	100
J020.5	J-QUANT Total Chlorine 200	0-10-25-50-200 mg/L	5m roll
J185.1	J-QUANT Water Hardness 500	0-50-125-250-500 mg/L	100
J226.1	J-QUANT Water Hardness 21	3-4-7-14-21 °d	
J240.1	J-QUANT Water Hardness 25	0-5-10-15-20-25 °d	
J232.1	Swimming pool Test 5 in 1	—	100
J234.1	Swimming pool Test 3 in 1	—	100



Non-bleeding pH Indicator Strips

Reference	pH range	Graduation	Pack unit
J103.3C	0-6,0	0-0.5-1.0-1.5-2.0-2.5-3.0-3.5-4.0-4.5-5.0-5.5-6.0	100
J106.3C	4,0-10,0	4.0-4.5-5.0-5.5-6.0-6.5-7.0-7.5-8.0-8.5-9.0-9.5-10.0	100
J109.3C	7,0-14,0	7.0-7.5-8.0-8.5-9.0-9.5-10.0-10.5-11.0-11.5-12.0-12.5-13.0-13.5-14.0	100
J113.3C	2,0-9,0	2.0-2.5-3.0-3.5-4.0-4.5-5.0-5.5-6.0-6.5-7.0-7.5-8.0-8.5-9.0	100
J121.2C	0-1,5	0-0.3-0.5-0.8-1.0-1.5	100
J122.C	0-2,5	0-0.5-1.0-1.3-1.6-1.9-2.2-2.5	100
J114.2C	2,5-4,5	2.5-3.0-3.3-3.6-3.9-4.2-4.5	100
J125.2C	4,0-7,5	4.0-4.3-4.6-4.9-5.2-5.5-5.8-6.1-6.4-6.7-7.0-7.5	100
J126.2C	5,0-9,0	5.0-5.5-6.0-6.5-7.0-7.5-8.0-8.5-9.0	100
J127.2C	6,5-10,0	6.5-6.8-7.1-7.4-7.7-7.9-8.1-8.3-8.5-8.7-9.0-9.5-10.0	100
J110.3C	11,0-13,0	11.0-11.5-11.8-12.1-12.3-12.5-12.8-13.0	100
J004.33C	1-11	1-2-3-4-5-6-7-8-9-10-11	100

02 General Labware

2.2 PORCELAIN WARE

Evaporating Dish

- 74. Round bottom, medium form
- 74. Round bottom, low form
- 74. Flat bottom, medium form
- 75. Flat bottom, low form
- 75. With handle
- 75. With lid and handle

Incinerating dish

- 75. Low form
- 75. Tall form
- 76. Rectangular

Crucible

- 76. Low form
- 76. Medium form
- 76. Tall form
- 77. Lid
- 77. Swelling with lid
- 77. Gooch
- 77. Filter
- 77. Determination of volatile liquid

Beaker

- 78. With spout, low form
- 78. With spout, tall form

Mortar

- 78. Unglazed
- 79. Glazed

Pestle

- 79. Unglazed
- 80. Glazed
- 80. French form
- 80. With wood handle, unglazed

Funnel

- 80. Buchner
- 81. Dr. Hirsch

General Porcelain ware

- 81. Weighing boat
- 81. Combustion boat with eyelet
- 81. Lid for combustion boat
- 81. Spattle double stirring
- 81. Spattle with scoop
- 81. Scoop for acids
- 82. Plate with cavities
- 82. Set of rings for water bath
- 82. Staining box with lid



Evaporating dish round bottom, medium form

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641322206001	10	40	16	5
JP641322206101	20	50	20	5
JP641322206121	30	63	25	5
JP641322206201	60	80	32	5
JP641322206221*	107	81	38	5
JP641322206301*	140	94	42	5
JP641322206321	150	100	40	5
JP641322206401*	232	112	47	5
JP641322206411	285	125	50	5
JP641322206421*	300	132	55	5
JP641322206501*	400	138	61	5
JP641322206611	580	160	64	5
JP641322206621*	700	170	74	1
JP641322206721	1000	200	80	1
JP641322206801*	1300	202	86	1
JP641322206991*	6000	320	140	1

*in addition to DIN



Evaporating dish round bottom, low form

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641322207101	41	72	26	5
JP641322207201	62	83	27	5
JP641322207301	110	96	30	5
JP641322207401	160	110	37	5
JP641322207421	215	117	41	5
JP641322207501	240	127	42	5
JP641322207521	325	142	46	5
JP641322207601	420	154	50	5
JP641322207701	558	170	55	5



Evaporating dish flat bottom, medium form

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641322274101	22	54	22	5
JP641322274121	62	70	30	5
JP641322274201	93	86	33	5
JP641322274301	154	98	40	5
JP641322274401	265	112	50	5
JP641322274501	330	126	53	5
JP641322274601	450	145	55	5
JP641322274701	620	151	63	5
JP641322274801	800	169	68	1
JP641322274901	1000	195	74	1
JP641322274991	2500	254	105	1

Evaporating dish flat bottom, low form

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641322208001	20	50	10	5
JP641322208101	20	60	14	5
JP641322208201*	28	75	15	5
JP641322208301	55	80	20	5
JP641322208401	110	100	25	5
JP641322208501	250	130	30	5
JP641322208601*	450	160	40	1
JP641322208701*	1100	200	55	1
JP641322208801*	1750	250	55	1

*in addition to DIN



DIN
12903

Evaporating dish with handle

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641322209101	22	45	26	2
JP641322209201	84	67	39	1
JP641322209301	176	85	49	1
JP641322209401	270	101	51	1
JP641322209501	450	120	64	1
JP641322209601	960	150	86	1



Evaporating dish with lid and handle

Removable wood handle

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641322210101	125	75	40	8
JP641322210111	-	87	30	8
JP641322210201	200	85	45	8
JP641322210211	-	100	34	8



Incinerating dish low form

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641322204201	7	38	10	5
JP641322204301	9	44	11	5
JP641322204401	12	47	13	5
JP641322204601	70	81	20	5
JP641322204801	220	122	28	5



Incinerating dish tall form

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641322203101	8	30	15	5
JP641322203201	21	40	20	5
JP641322203301	35	50	25	5
JP641322203401	64	60	30	5
JP641322203501	103	70	35	5





Incinerating dish rectangular

Reference	Capacity (ml)	Width (mm)	Length (mm)	Height (mm)	Pack unit
JP641322255101	12	35	50	6	5
JP641322255201	12	40	62	13	5
JP641322255221	14	49	74	28	5
JP641322255301	14	65	95	40	5



DIN
12904

Crucible low form

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641321100301	5	30	19	5
JP641321100351	10	35	22	5
JP641321100401	17	40	25	5
JP641321100451	21	45	28	5
JP641321100501	34	50	32	5
JP641321100601	62	60	38	5
JP641321100701	91	70	44	5



DIN
12904

Crucible medium form

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641321200301*	10	30	25	5
JP641321200351	12	35	28	5
JP641321200401	20	40	32	5
JP641321200451	30	45	36	5
JP641321200501	45	50	40	5
JP641321200601	80	60	48	5
JP641321200701	120	70	56	5
JP641321200801*	200	80	62	5



DIN
12904

Crucible tall form

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641321300301	15	30	38	5
JP641321300351	26	35	44	5
JP641321300401	35	40	50	5
JP641321300451	50	45	56	5
JP641321300501	72	50	62	5
JP641321300601	120	60	75	5

Crucible Lid

Reference	Capacity (ml)	Diameter (mm)	Pack unit
JP641321000301	30	34	5
JP641321000351	35	39	5
JP641321000401	40	44	5
JP641321000451	45	49	5
JP641321000501	50	54	5
JP641321000601	60	64	5
JP641321000701	70	74	5
JP641321000801*	80	84	5


DIN
12904

Crucible swelling, with lid

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641321301000	19	43	27	5



Crucible Filter gooch

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641321234101	17	30	36	5
JP641321234301	25	35	43	5
JP641321234401	35	39	49	5
JP641321234501	120	60	71	5



Crucible Filter

Reference	Capacity (ml)	Pore (µm)	Diameter (mm)	Height (mm)	Pack unit
JP641321400256	8	6	25	28	2
JP641321400257	8	7	25	28	2
JP641321400258	8	8	25	28	2
JP641321400306	15	6	30	35	2
JP641321400307	15	7	30	35	2
JP641321400308	15	8	30	35	2
JP641321400356	25	6	35	40	2
JP641321400357	25	7	35	40	2
JP641321400358	25	8	35	40	2
JP641321400406	35	6	40	43	2
JP641321400407	35	7	40	43	2
JP641321400408	35	8	40	43	2
JP641321400456	50	6	45	50	2
JP641321400457	50	7	45	50	2
JP641321400458	50	8	45	50	2


DIN
12909



Crucible for determination of volatile liquid, with lid

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641321098000	22	32	42	5



Beaker with spout, low form

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641323227101	275	70	85	1
JP641323227201	400	80	99	1
JP641323227301	620	90	116	1
JP641323227401	860	100	129	1
JP641323227501	950	123	100	1



Beaker with spout, tall form

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641323226101	170	52	90	1
JP641323226201	225	57	106	1
JP641323226301	450	70	143	1
JP641323226401	1100	101	157	1



Mortar unglazed

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641331829100	150	85	65	1
JP641331829101*	150	85	65	1
JP641331829200	300	103	75	1
JP641331829201*	300	103	75	1
JP641331829300	420	121	88	1
JP641331829301*	420	121	88	1
JP641331829400	730	152	95	1
JP641331829401*	730	152	95	1
JP641331829500	1200	178	110	1
JP641331829501*	1200	178	110	1

*glazed

Mortar unglazed

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641331211000*	25	51	32	5
JP641331211100*	30	56	36	2
JP641331211110	70	63	41	2
JP641331211120*	75	76	45	2
JP641331211200*	110	83	50	2
JP641331211220	160	90	56	1
JP641331211300*	220	105	64	1
JP641331211320	400	125	71	1
JP641331211400*	500	139	82	1
JP641331211500	650	150	90	1
JP641331211600	1000	180	104	1
JP641331211700*	2250	224	127	1
JP641331211800*	4300	268	160	1

*glazed



Mortar glazed

Reference	Capacity (ml)	Diameter (mm)	Height (mm)	Pack unit
JP641331211001*	25	51	32	5
JP641331211101*	30	56	36	2
JP641331211111	70	63	41	2
JP641331211121*	75	76	45	2
JP641331211201*	110	83	50	1
JP641331211221	160	90	56	1
JP641331211301*	220	105	64	1
JP641331211321	400	125	71	1
JP641331211401*	500	139	82	1
JP641331211501	650	150	90	1
JP641331211601	1000	180	104	1
JP641331211701*	2250	224	127	1
JP641331211801*	4300	268	160	1

*in addition to DIN



DIN
12906

Pestle unglazed

Reference	Diameter (mm)	Length (mm)	Pack unit
JP641331213000*	14	54	5
JP641331213100	24	115	2
JP641331213200	30	135	2
JP641331213300	36	150	2
JP641331213400	42	175	1
JP641331213500	55	210	1
JP641331213600	74	250	1
JP641331213700	85	280	1
JP641331213800*	101	370	1

*in addition to DIN



DIN
12906



DIN
12906

Pestle glazed

Reference	Diameter (mm)	Length (mm)	Pack unit
JP641331213001*	14	54	5
JP641331213101	24	115	2
JP641331213201	30	135	2
JP641331213301	36	150	2
JP641331213401	42	175	1
JP641331213501	55	210	1
JP641331213601	74	250	1
JP641331213701	85	280	1
JP641331213801*	101	370	1

*in addition to DIN



Pestle french form

Reference	Diameter (mm)	Length (mm)	Pack unit
JP641331212100	18	68	2
JP641331212200	20	88	2
JP641331212300	25	96	2
JP641331212400	34	140	2
JP641331212500	37	158	2



Pestle with wood handle, unglazed

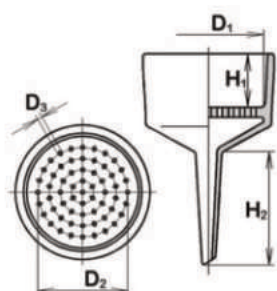
Reference	Diameter (mm)	Length (mm)	Pack unit
JP641331830100	27	155	1
JP641331830101*	27	155	1
JP641331830200	30	180	1
JP641331830201*	30	180	1
JP641331830300	33	185	1
JP641331830301*	33	185	1
JP641331830400	37	210	1
JP641331830401*	37	210	1
JP641331830500	45	245	1
JP641331830501*	45	245	1

*glazed



Funnel Büchner

Reference	Capacity (ml)	Diameter 1 (mm)	Diameter 2 (mm)	Diameter 3 (mm)	Height 1 (mm)	Height 2 (mm)	Pack unit
JP641332237001	10	29	22	1	17	28	1
JP641332237011	25	42	33	1	20	35	1
JP641332237101	35	48	38	1	24	43	1
JP641332237201	70	62	45	1	30	64	1
JP641332237301	120	77	58	1	35	64	1
JP641332237401	240	97	70	2	40	71	1
JP641332237501	400	116	95	2	49	83	1
JP641332237601	600	130	110	2	52	85	1
JP641332237701	1000	156	130	2	59	96	1
JP641332237801	2000	192	160	2	74	117	1
JP641332237901	4000	248	220	2	90	117	1
JP641332237921	7000	296	270	2	105	130	1
JP641332237991	10000	334	300	2	120	133	1



Funnel Dr.Hirsch

Reference	Diameter ext. (mm)	Diameter int. (mm)	Height (mm)	Height Haste (mm)	Pack unit
JP641332236201	45	13	38	25	1



Weighing boat

Reference	Length (mm)	Width (mm)	Pack unit
JP641329252001	37	17	10
JP641329252101	53	23	10
JP641329252201	64	29	10



Combustion boat with eyelet

Reference	Length (mm)	Width (mm)	Height (mm)	Pack unit
JP641312214300	105	14	9	50
JP641312214400	85	13	8	50
JP641312214200	75	13	8	50
JP641312214800	90	13	8	50
JP641312214900	40	12	10	50



Spattle double stirring

Reference	Length (mm)	Pack unit
JP641334217101	104	5
JP641334217201	186	5
JP641334217301	250	5
JP641334217401	298	5



Spattle with scoop

Reference	Length (mm)	Pack unit
JP641334218101	103	5
JP641334218121	148	5
JP641334218131	164	5
JP641334218201	187	5
JP641334218221	200	5
JP641334218301	250	5



Scoop for acids

Reference	Length (mm)	Pack unit
JP641334219101	237	5





Plate with cavities

Reference	Cavities number	Cavities diameter	Plate width	Plate Length	Pack unit
JP641333263501	6	25 mm	81 mm	112 mm	5
JP641333263601	12	17 mm	91 mm	115 mm	5



Set of rings for water bath

Reference	Diameter (mm)	Pack unit
JP641329240601	31, 48, 66, 86, 110, 145	1



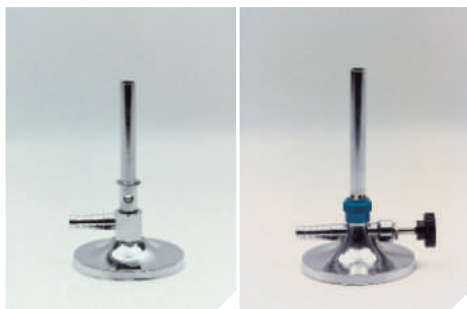
Staining box with lid

Reference	Width (mm)	Length (mm)	Height (mm)	Pack Unit
JP641332372001	40	70	86	2
lid	48	75	6	2

02 General Labware

2.3 LAB INSTRUMENTS

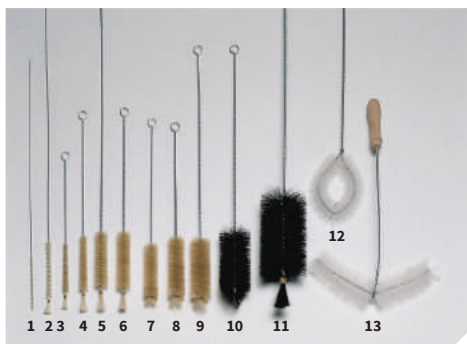
84	. Bunsen burner
84	. Brush
84	. Cap for biological culture tubes SERO-TAP
85	. Cap for biological culture tubes BACTI-CAPS
85	. Inox container
85	. Roll of paper
85	. Support
86	. Stand and tripod support
86	. Cork support for round bottom flask
86	. Support for round bottom flask
86	. Conical joint clips
86	. Forcep
87	. Ground joint clips
87	. Forcep tongs
87	. Open ring bosshead supports
87	. Closed ring bosshead supports
87	. Laboratory scissors
88	. Gauze
88	. Elevator
88	. Micro spatula
88	. Spatula with spoon
88	. Flat and curved end spatula
89	. Paste knife with wooden handle
89	. Flexible spatula
89	. Hydrometer
89	. Thermometer
89	. Thermometer, chemical



Bunsen burner

With air regulator

Reference	Gas	Gas regulator	Tube Ø x height (mm)	Pack unit
S7000044	butane/propane	no	11 x 130	1
S7000937	natural	no	11 x 130	1
S7000134	butane/propane	yes	11 x 140	1
S7000133	natural	yes	11 x 140	1



Brush

For: pipettes, tubes, burettes, flasks, cylinders, beakers, bottles

Reference	Photo-Feature	Size (mm)	Pack unit
S1001143	[1] Pipettes and capillaries of 3 to 5 mm Ø.	4x90x400	1
S1001144	[2] Graduated pipettes and tubes from 5 to 10 mm Ø	10x100x700	1
S1001145	[3] Haemolysis tubes 8 to 10 mm Ø	10x90x240	1
S1001146	[4] Test tubes and graduated flasks of 10 to 16 mm Ø	15x100x320	1
S1001147	[5] Burettes of 25 to 50 ml and tubes of 15 to 20 mm Ø	25x100x700	1
S1001148	[6] Cylinders, flasks, test tubes etc. 20 to 32 mm Ø. (fan)	30x100x300	1
S1001149	[7] Erlenmeyer, test tubes, flasks etc. 25 to 45 mm Ø. (fan)	35x100x440	1
S1001150	[8] Flasks, Erlenmeyer, test tubes etc. 35 to 80 mm Ø. (fan)	55x100x440	1
S1001151	[9] Beakers, cylinders, Erlenmeyers etc. 50 to 100 mm Ø.	80x130x700	1
S1001333	[10] Test tubes of 16 to 25 mm Ø.	25x130x350	1
S1001334	[11] Test tubes of 16 to 25 mm Ø (fan)	25x100x320	1
S1001335	[12] Flasks, round bottom flasks of 0 to 100 mm Ø	110x450x450	1
S1001336	[13] Beakers of 50 to 250 mm Ø (with handle)	40x250x400	1



Cap for biological culture tubes SERO-TAP

Anodised aluminium with internal AISI 304 stainless. Not hermetically sealed.

Reference	Colour	Tubes (mm)	Reference	Colour	Tubes (mm)	Pack unit
S1012131	blue	12-13	S1019201	blue	19-20	1
S1012132	silver	15-16	S1019202	silver	19-20	1
S1012133	gold	12-13	S1019203	gold	19-20	1
S1012134	garnet	12-13	S1019204	garnet	19-20	1
S1012135	black	12-13	S1019205	black	19-20	1
S1015161	blue	12-13	S1024261	blue	24-26	1
S1015162	silver	15-16	S1024262	silver	24-26	1
S1015163	gold	15-16	S1024263	gold	24-26	1
S1015164	garnet	15-16	S1024264	garnet	24-26	1
S1015165	black	15-16	S1024265	black	24-26	1
S1017181	blue	17-18	S1028301	blue	28-30	1
S1017182	silver	17-18	S1028302	silver	28-30	1
S1017183	gold	17-18	S1028303	gold	28-30	1
S1017184	garnet	17-18	S1028304	garnet	28-30	1
S1017185	black	17-18	S1028305	black	28-30	1

Cap for biological culture tubes BACTI-CAPS

PP, can be sterilized at 121°C

Reference	Colour	Tubes (mm)	Pack unit	Reference	Colour	Tubes (mm)	Pack unit
S5726013	yellow	12-13	100	S5726019	yellow	18-19	100
S5726113	blue	12-13	100	S5726119	blue	18-19	100
S5726213	white	12-13	100	S5726219	white	18-19	100
S5726413	garnet	12-13	100	S5726419	garnet	18-19	100
S5726513	green	12-13	100	S5726519	green	18-19	100
S5726016	yellow	15-16	100	S5726025	yellow	24-25	50
S5726116	blue	15-16	100	S5726125	blue	24-25	50
S5726216	white	15-16	100	S5726225	white	24-25	50
S5726416	garnet	15-16	100	S5726425	garnet	24-25	50
S5726516	green	15-16	100	S5726526	green	24-25	50
				S5726238	white	37-38	25



Inox container

For sterilisation

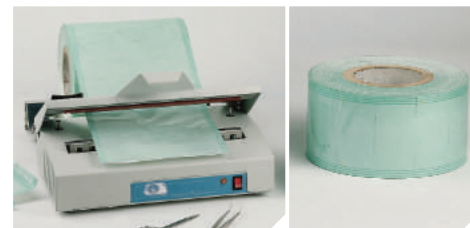
Reference	Sterilizes	Diameter x Height (cm)	Pack unit
S1000829	pipettes	7,2 x 40	1
S1001126	pipettes	13 x 40	1
S1001127	10 Petri dishes	13 x 26	1
S1001128	18 Petri dishes	13 x 40	1



Roll of paper

For sterilisation "Polisteril", PP and Polyester, sealing machine also available

Reference	Width (cm)	Length (m)	Pack unit
S4100075	7,5	100	1
S4100100	10	100	1
S4100200	20	100	1



Support

Accessories

Reference	Photo-Feature	Dimensions (mm)	Pack unit
S6000117	[1] burette stand	Ø 10 x h. 600	1
S1000069	[2] bosshead	Ø 5 to 17	1
S7000141	[3] swivel clamp bosshead for condensers	Ø 12 to 45	1
S7000161	[4] clamp "Triplex"	Ø 0 to 60	1





Stand and tripod support

Reference	Ø x height (cm)	Feature	Pack unit
S6000046	1 x 60	central rod retort stand	1
S6002868	8 x 21	tripod with round top (stainless steel)	1
S6028610	10 x 21	tripod with round top (stainless steel)	1
S6028612	12 x 21	tripod with round top (stainless steel)	1
S6028614	14 x 21	tripod with round top (stainless steel)	1
S1000818	8 x 21	tripod with round top (nickel plated steel)	1
S1008110	10 x 21	tripod with round top (nickel plated steel)	1
S1008112	12 x 21	tripod with round top (nickel plated steel)	1
S1008114	14 x 21	tripod with round top (nickel plated steel)	1
S1008116	16 x 21	tripod with round top (nickel plated steel)	1



Cork support for round bottom flask

Reference	Ø x height (cm)	Flasks (ml)	Pack unit
ABJQ001	80 x 30	50-100	1
ABJQ002	100 x 30	250	1
ABJQ003	120 x 30	500	1
ABJQ004	140 x 30	1000	1
ABJQ005	160 x 30	2000	1



Support for round bottom flask

PP

Reference	Ø x height (cm)	Flasks (ml)	Pack unit
ABJQ007	160 x 50	5-10000	1



Conical joint clips

Reference	Joint	Reference	Joint	Pack unit
S1000716	7,5/16	S1001926	19/26	1
S1001019	10/19	S1001429	24/29	1
S1001221	12/21	S1001932	29/32	1
S1001423	14/23	S1001540	45/40	1



Forcep

For dissecting and general laboratory use. AISI 304 stainless steel.

Reference	Joint	Reference	Joint	Pack unit
S1000580	14	1	dissecting straight round tips	1
S1000801	14	2	dissecting straight fine tips	1
S1000865	14	3	dissecting curved round tips	1
S1000864	14	4	dissecting curved fine tips	1
S6000128	16	5	laboratory curved point	1
S1001191	12	6	laboratory fine point	1

Ground joint clips

Chromed steel

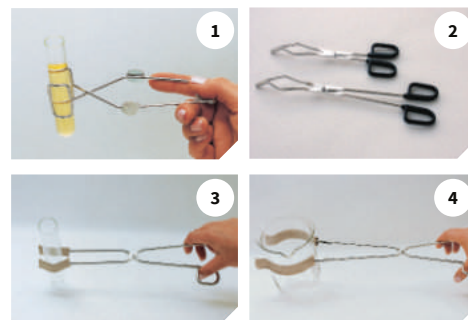
Reference	Round joint (mm)	Pack unit
S1040913	13	1
S1040919	19	1
S1040929	29	1
S1040935	35	1



Forcep tongs

Chromed steel. For: tubes, crucible, flasks and beaker

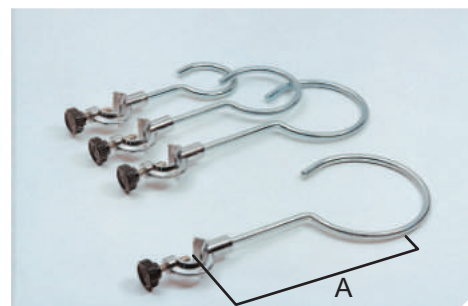
Reference	Size (mm)	Feature	Pack unit
S1000285	145	[1] test tube	1
S1001590	220	[2] crucible	1
S1001591	330	[2] crucible	1
S1028130	300	[3] flasks and tubes	1
S1028140	400	[3] flasks and tubes	1
S1000284	450	[4] beaker	1



Open ring bosshead supports

Galvanised steel

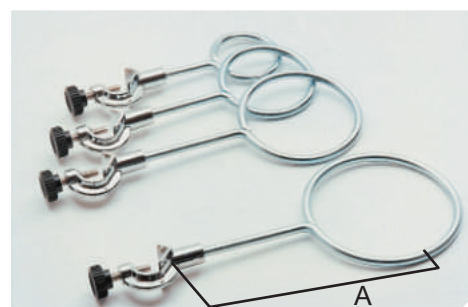
Reference	Ø ext. ring (cm)	Usable L. A (cm)	Pack unit
S7000506	6	10	1
S7000508	8	13	1
S7005010	10	16	1
S7005012	12	17	1
S7005014	14	18	1



Closed ring bosshead supports

Galvanised steel

Reference	Ø ext. ring (cm)	Usable L. A (cm)	Pack unit
S7000536	6	10	1
S7000538	8	13	1
S7005310	10	16	1
S7005312	12	17	1
S7005314	14	18	1

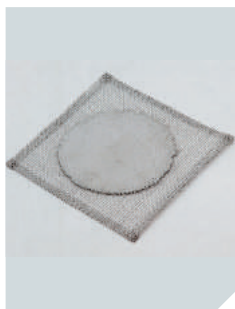


Laboratory scissors

AISI 410 stainless steel

Reference	Cut length (cm)	Length (cm)	Feature	Pack unit
S1001468	5	18	universal "multi-purpose"	1
S1001469	10	25	long laboratory	1
S1001470	5	14	straight multi-purpose	1
S1000806	4	14,5	straight multi-purpose	1
S1000807	3,5	12,5	dissection	1
S1001471	2,5	11	small dissection	1
S1001472	4	16	flat serrated	1

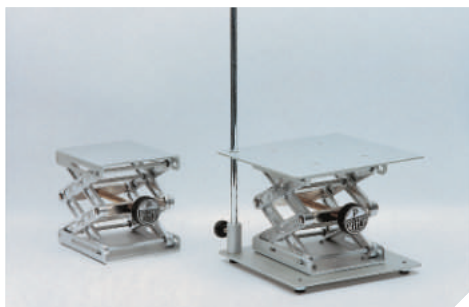




Gauze

Iron wire with ceramic fibre

Reference	Length (cm)	Pack unit
S1087102	10	1
S1087122	12	1
S1087142	14	1
S1087162	16	1
S1087182	18	1
S1087202	20	1



Elevator

Laboratory Jack "LAB-ELE"

Reference	Usable size (cm)	Elevated (cm)	Max Weight (kg)	Pack unit
S1000294	12 x 14	26	7	1
S7000295	20 x 20	26	7	1



Micro spatula

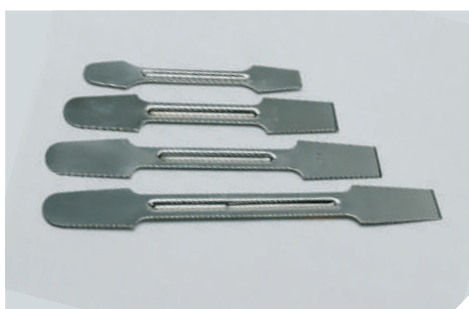
With flat ends

Reference	Length (cm)	Width (cm)	Feature	Pack unit
S1027680	8	0,4	with flat ends	1
S1276120	12	0,4	with flat ends	1
S1276150	15	0,4	with flat ends	1
S1276210	21	0,4	with flat ends	1
S1277100	10	0,4	with flat and spoon ends	1
S1277150	15	0,4	with flat and spoon ends	1
S1277210	21	0,4	with flat and spoon ends	1



Spatula with spoon

Reference	Length (cm)	Width (cm)	Feature	Pack unit
S1096120	12	1,8	spoon and flat ends (stainless steel)	1
S1096150	15	2	spoon and flat ends (stainless steel)	1
S1196120	12	1,8	spoon and flat ends (pure niquel)	1
S1196150	15	2	spoon and flat ends (pure niquel)	1
S6021312	12	1,8	chisel and grooved spoon end (stainless steel)	1
S6021315	15	2	chisel and grooved spoon end (stainless steel)	1
S6121312	12	1,8	chisel and grooved spoon end (pure niquel)	1
S6121315	15	2	chisel and grooved spoon end (pure niquel)	1



Flat and curved end spatula

Reference	Length (cm)	Width (cm)	Pack unit
S6099120	12	2	1
S6099150	15	2,4	1
S6099180	18	2,4	1
S6099210	21	2,4	1

Paste knife with wooden handle

Reference	Blade Length (cm)	Blade Width (cm)	Pack unit
S1010280	8	1,4	1
S1102100	10	1,6	1
S1102120	12	1,8	1
S1102140	14	2,2	1
S1102160	16	2,4	1
S1102200	20	2,9	1
S1102240	24	3,4	1
S1102280	28	3,4	1



Flexible spatula

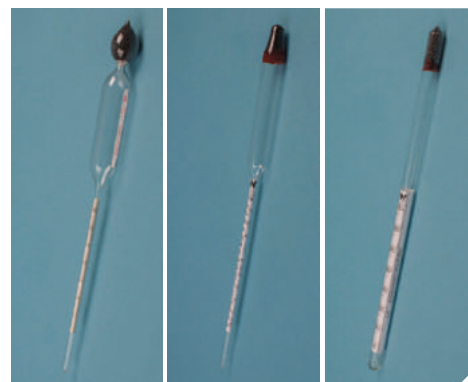
Reference	Total Length (cm)	Blade Length (cm)	Blade Width (cm)	Pack unit
S1000856	16	5,2	1,1	1
S1000857	16	5,2	1,5	1
S1000858	17	6	2	1



Hydrometer

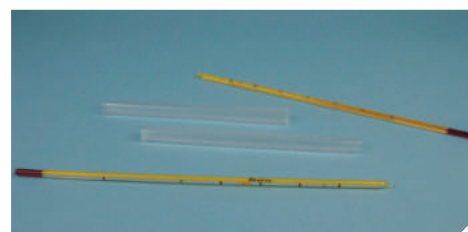
Total length 31 cm

Reference	Range (kg/m³)	Div (n°)	Diameter (cm)	Pack unit
AKLG002	700-800	1	1,6	1
AKLG003	800-900	1	1,7	1
AKLG004	900-1000	1	1,7	1
AKLG005	1000-1100	1	1,7	1
AKLG006	1100-1200	1	1,7	1
AKLG007	1200-1300	1	1,8	1
AKLG008	1300-1400	1	1,8	1
AKLG009	1400-1500	1	1,8	1
AKLG010	1500-1600	1	1,9	1
AKLG011	1600-1700	1	2,0	1
AKLG012	1700-1800	1	2,0	1



Thermometer Chemical

Reference	Range (°C)	Division (°C)	Length (cm)	Feature	Pack unit
AKJB003	-10/50	0,5	30	solid-stem with white background	1
AKJB004	-10/100	0,5	30	solid-stem with white background	1
AKJB006	-10/110	1	30	solid-stem with white background	1
AKJB007	-10/150	1	30	solid-stem with white background	1
AKJB010	-10/50	1	30	solid-stem with yellow background	1
AKJB011	-10/110	1	30	solid-stem with yellow background	1
AKJB012	-10/150	1	30	solid-stem with yellow background	1
AKJB013	-10/200	1	30	solid-stem with yellow background	1





Technical information

Abbreviation	Description	Application temperature (°C)	
		from	to
FEP	Tetrafluor ethylene perfluorpropylene	-100	+205
PE-HD	Polyethylene high density	-50	+80 (+120)
PE-LD	Poluethylene low density	-50	+75 (+90)
MF	Melamine	-60	+80 (+120)
PE	Polyethylene	-40	+80 (+90)
PFA	Perfluoralkoxy	-200	+260
PMP (TPX®)	Polymethylpentene	0	150 (+180)
PP	Polypropylene	-10	+110 (+140)
PS	Polystyrene	-20	+70 (+80)
PTFE	Polytetrafluor ethylene	-200	+260
PVC	Polyvinylchlorid	-20	+80

03 PLASTICWARE

- 92 . Volumetric flask
- 92 . Measuring cylinder
- 93 . Griffin beaker
- 93 . Graduated beaker
- 94 . Measuring Jug
- 94 . Flask Erlenmeyer
- 94 . Burette
- 95 . Sedimentation cone
- 95 . Funnel
- 95 . Funnel Urbanti
- 96 . Long steam funnel
- 96 . Short stem funnel
- 96 . Powder funnel
- 96 . Buchner funnel
- 97 . Measuring scoops
- 97 . Scoops
- 97 . Dropping bottle
- 98 . Wash bottle
- 98 . Narrow mouth bottle
- 99 . Wide mouth bottle.
- 100 . Bottle for water sampling
- 100 . Bottle with screw cap
- 101 . Drums
- 101 . Buckets
- 101 . Instruments trays
- 101 . Laboratory/catchment trays
- 101 . Conical bottom tube
- 102 . Round bottom tube
- 103 . Cap
- 104 . Centrifuge tube
- 104 . Microtube
- 105 . Cryogen® Internal cap for tubes
- 105 . Cryogen® External cap for tubes
- 106 . Sterile microtube
- 106 . Tube only
- 106 . Cap disks
- 107 . Screw cap for microtube
- 107 . Microtiter plate
- 107 . Pasteur pipette
- 107 . Petri dish
- 108 . Support for Petri dish
- 108 . Anaerobiosis jar
- 108 . Loop
- 109 . Inoculation loop
- 109 . Digrafsky spreader
- 109 . Whirl-Pak sample bags
- 110 . Bag
- 111 . Bag rack
- 111 . Indicator tapes
- 111 . Racks, supports and containers
- 116 . Magnetic stirring bar
- 116 . Magnetic stirring bar retriever
- 116 . Emergency eyewash bottle
- 117 . Medical grade silicone tubing
- 117 . Cassettes
- 119 . Tissue embedding sponge
- 119 . Staining jar
- 119 . Staining system
- 119 . Microscope slides storage
- 121 . Cabinets and drawers
- 122 . Spatula
- 122 . Swabs

CLASS
B

Volumetric flask PP, with stopper

Available in PFA, opaque, class A

Reference	Capacity (ml)	Tolerance (±)	Joint	Pack unit
V677941	10	0,08	10/19	6
V671941	25	0,08	10/19	6
V672941	50	0,12	12/21	6
V673941	100	0,20	14/23	6
V674941	250	0,30	19/26	5
V675941	500	0,50	19/26	4
V676941	1000	0,80	24/29	3

CLASS
B

Volumetric flask PP, with screw cap

Available in PFA, opaque, class A

Reference	Capacity (ml)	Tolerance (±)	GL	Pack unit
V677891	10	0,08	18	6
V671891	25	0,08	18	6
V672891	50	0,12	18	6
V673891	100	0,20	18	6
V674891	250	0,30	25	5
V675891	500	0,50	25	4
V676891	1000	0,80	32	3

CLASS
B

Measuring cylinder PP

Blue printing

Reference	Capacity (ml)	Tolerance (±)	In	Pack unit
V646081	10	0,20	15	12
V647081	25	0,50	22	12
V648081	50	1	27	12
V649081	100	1	33	12
V650081	250	2	44	6
V651081	500	5	58	6
V652081	1000	10	69	6
V653081	2000	20	97	3

CLASS
B

Measuring cylinder PP, Raised Scale

Available in PMP and Class A

Reference	Capacity (ml)	Tolerance (±)	In	Pack unit
V646941	10	0,20	15	12
V647941	25	0,50	22	12
V648941	50	1	27	12
V649941	100	1	33	12
V650941	250	2	44	6
V651941	500	5	58	6
V652941	1000	10	69	6
V653941	2000	20	97	3

Measuring cylinder PP, Low form, Raised Scale

Reference	Capacity (ml)	Tolerance $\pm$ (ml)	In	Pack unit
V640941	25	0,5	22	12
V641941	50	1	27	12
V642941	100	2	37	12
V643941	250	5	51	6
V644941	500	10	67	6
V645941	1000	20	78	6



CLASS
B

Griffin beaker

Easily readable, with Red or Blue printing, PFA available

PMP Red printing	PP Blue printing	Capacity (ml)	Tolerance $\pm$ (ml)	In	Pack unit
V60503	V605081	10	2	25	12
V60603	V606081	25	5	31	12
V60703	V607081	50	10	40	12
V60803	V608081	100	20	49	12
V60903	V609081	150	20	56	12
V61003	V610081	250	50	68	6
V61103	V611081	400	50	77	6
V61803	V618081	500	100	88	6
V61203	V612081	600	100	91	6
V61403	V614081	1000	100	102	6
V61503	V615081	2000	200	133	6
V61603	V616081	3000	200	174	4
V61703	V617081	5000	500	185	4

Note: to preserve markings, cleaning at no higher than 60°C is recommended



Graduated beaker, PP, blue raised scale

Food-safe product, temperature resistance: -10°C up to +120°C

Reference	Capacity (ml)	Division (ml)	Diam x Height	Pack unit
V446081	50	2	40 x 70	24
V447081	100	2	50 x 80	24
V440081	250	5	70 x 120	12
V441081	500	10	91 x 133	12
V442081	1000	10	116 x 170	6
V443081	2000	20	150 x 215	6
V444081	3000	50	170 x 242	6
V445081	5000	100	210 x 270	6

Note: to preserve markings, cleaning at no higher than 60°C is recommended





Measuring Jug PP, Raised scale, Low form



Food-safe product, Temperature resistance -10°C to +120°C

Reference	Capacity (ml)	Division (ml)	Ø x height (mm)	Pack unit
LA1156	500	25	75 x 120	1
LA1157	1000	50	120 x 135	1
LA1158	2000	100	145 x 170	1
LA1159	3000	100	165 x 185	1
LA1160	5000	250	190 x 235	1



Flask Erlenmeyer PMP, PP, with screw cap

Reference PMP	Reference PP	Capacity (ml)	Division (ml)	GL	In	Pack unit
V66695	V666941	50	10	40	34/35	6
V66795	V667941	100	20	40	34/35	6
V66895	V668941	250	50	52	45/40	6
V66995	V669941	500	100	52	45/40	6
V67095	V670941	1000	200	52	45/40	4



Flask Erlenmeyer PP, without stopper

Autoclavable

Reference	Capacity (ml)	Division (ml)	In	Pack unit
K1460	50	10	14/23	20
K1461	125	25	14/23	20
K1462	250	25	19/26	15
K1463	500	50	24/29	8
K1464	1000	50	29/32	8
K1465	2000	100	34/35	1



ISO 385

Burette Dr. Schilling type, Class AS

Graduated tube high resistance borosilicate glass

Reference	Capacity (ml)	Division (ml)	Tolerance ± (ml)	Flask cap. (ml)	Pack unit
3086922	5	0,02	0,01	500	1
3086927	10	0,05	0,03	500	1
3086933	25	0,10	0,05	1000	1
3086936	50	0,10	0,05	1000	1

Burette PMP, PVC, FEP, Graduated

Graduated

Reference	Capacity (ml)	Division (ml)	Pack unit
K1997	10	0,1	1
K1998	25	0,1	1
K1999	50	0,1	1



CLASS
B

DIN
12700

Sedimentation cone PMP, Imhoff

Reference	Capacity (ml)	Feature	Dimension (mm)	Pack unit
V75991	1000	-	Ø 125 x 480	3
K1056	-	Rack for 2 cones	150 x 300 x 294	1



DIN
12672

Funnel TPX, Separating, Autoclavable

Reference	Capacity (ml)	In	Pack unit
K978	500	29/32	1



Funnel Urbanti PMP, Rapid filtration

Reference	Capacity (ml)	Diam. x Length (mm)	Diam. x stem length (mm)	Pack unit
V325095	30	51 x 195	3 x 150	6
V325195	80	70 x 210	3 x 150	6
V325295	250	100 x 198	7 x 108	4
V325395	630	140 x 247	10 x 132	3
V325495	1800	196 x 315	20 x 155	2





Long stem funnel, PP

Reference	Capacity (ml)	Diameter (mm)	Diam. x stem length (mm)	Pack unit
K162	50	65	8 x 150	10
K164	100	78,5	8 x 143	10
K165	225	103,5	8 x 145	10



Short stem funnel, PP

Reference	Capacity (ml)	Ø x length (mm)	Ø x stem length (mm)	Pack unit
V40894	5	30 x 45	1,5 x 25	24
V41094	6	30 x 47	4 x 25	24
V41194	14	40 x 65	4 x 35	24
V41294	32	50 x 85	7 x 43	24
V41394	88	75 x 110	6 x 55	12
V41494	222	100 x 155	8 x 77	12
V41594	342	120 x 180	11 x 90	12
V41694	817	150 x 220	18 x 95	12



Powder funnel, PP

Reference	Ø x length (mm)	Stem Ø x stem length (mm)	Pack unit
V70794	65 x 68	15 x 25	10
V70894	80 x 75	21 x 25	10
V70994	100 x 94	22 x 20	10
V71094	120 x 110	26 x 20	10
V71194	150 x 138	28 x 22	5



Büchner Funnel, PP

Upper and lower parts are detachable to facilitate cleaning

Reference	Capacity (ml)	Filter Ø x length (mm)	Hole Ø (mm)	Pack unit
K437	40	42,5 x 95	1,2	1
K438	70	55 x 113	1,1	1
K439	180	70 x 145	2	1
K440	280	80 x 165	2	1
K441	390	90 x 180	2,5	1
K442	810	110 x 210	2,5	1
K443	2100	160 x 280	2,75	1
K445	6000	240 x 350	3,0	1

Measuring scoops, PP Coloured

Reference	Capacity (ml)	Colour	Pack unit
V396940	100	red	12
V396943	100	grey	12
V396944	100	black	12
V396946	100	yellow	12
V396950	100	blue	12
V396952	100	green	12
V396955	100	bright blues	12



Measuring scoops, PP

Reference	Capacity (ml)	Length (mm)	Pack unit
V39194	2	60	12
V39294	5	82	12
V39394	10	100	12
V39494	25	135	12
V39594	50	160	12
V39694	100	200	12
V39794	250	260	6
V39894	500	315	6
V39994	1000	385	6



Scoops, PE-HD

Conical in shape with tapered filling edge

Reference	Capacity (ml)	Length (mm)	Pack unit
V40093	15	115	12
V40193	25	135	12
V40293	65	185	12
V40393	110	215	12
V40493	150	250	12
V40593	350	310	6
V40693	750	350	6
V40793	1250	400	6



Dropping bottle Polyethylene, Ranvier type

With dropper

Reference	Capacity (ml)	Ø x height (mm)	Pack unit
K388	50	35 x 96	10
K389	100	43 x 115	10
K391	250	60 x 140	10
K392	500	75 x 180	10
K393	1000	95 x 220	10





Wash bottle Polyethylene, GL 45

Screw cap with tube, Mouth diameter: 38 mm

Reference	Capacity (ml)	Division (ml)	Diameter (mm)	Cap colour	Pack unit
K1637-00	250	25	60	white	10
K1637-04	250	25	60	blue	10
K1637-06	250	25	60	yellow	10
K1637-10	250	25	60	red	10
K1638-00	500	100	75	white	10
K1638-04	500	100	75	blue	10
K1638-06	500	100	75	yellow	10
K1638-10	500	100	75	red	10



Wash bottle Polyethylene, narrow neck

Screw cap with tube, Food-safe product

Reference	Capacity (ml)	Height (mm)	Diameter (mm)	Pack unit
LA182	250	218	58	1
LA183	500	218	70	1
LA185	1000	270	90	1



Wash bottle Polyethylene, GL 32

Integral type

Reference	Capacity (ml)	Height (mm)	Pack unit
K1633	250	143	10
K1634	500	181	10



Narrow mouth bottle, PE, Graduated

Food-safe product

Reference	Capacity (ml)	Mouth (mm)	Ø x height (mm)	Pack unit
LA317	50	18,5	39 x 76	1
LA319	125	18,5	48 x 115	1
LA323	250	23	60 x 138	1
LA324	500	23	74 x 165	1
LA325	1000	34,5	93 x 201	1
LA326	2000	34,5	116 x 275	1

Narrow mouth bottle, PP

Reference White	Capacity (ml)	GL	Diam. x height (mm)	Pack unit
V94994	250	25	58 x 135	12
V95094	500	25	74 x 180	12
V95194	1000	32	92 x 215	12
K1595	50	18	28x92	100
K1597	100	18	48x108	100
K1599	250	25	60x150	50
K1601	500	25	75x182	25
K1603	1000	32	95x224	20



Narrow mouth bottle, PE-LD

Transparent with high shoulders. With screw cap made of PP

Reference	Capacity (ml)	GL	Ø x height (mm)	Pack unit
V94589	50	18	37 x 73	24
V94689	100	18	43 x 95	24
V94989	250	25	58 x 135	12
V95089	500	25	74 x 180	12
V95189	1000	32	92 x 221	12



Narrow mouth bottle, PE-LD

Transparent with flat shoulders. With screw cap made of PE-LD

Reference White	Capacity (ml)	GL	Ø x height (mm)	Pack unit
V138093	10	14	26 x 50	100
V138193	20	14	31 x 58	100
V138293	30	14	34 x 66	100
V138393	50	18	39 x 85	100
V138493	100	18	45 x 106	50
V138593	250	25	59 x 140	50
V138693	500	25	75 x 180	50
V138793	1000	28	94 x 212	25
V138893	2000	28	117 x 264	25



Wide mouth bottle, PP/PE

Reference PP	Reference PE	Capacity (ml)	GL	Ø x height (mm)	Pack unit
—	V139393	50	32	38 x 80	100
—	V139493	100	32	76 x 155	50
—	V139593	250	40	93 x 208	50
V93794	—	250	45	120 x 246	12
V93994	—	500	45	39 x 87	12
—	V139693	500	50	47 x 94	50
V94194	—	1000	63	58 x 146	12
—	V139793	1000	65	76 x 166	25
—	V139893	2000	65	91 x 226	25
K1621	K1608	50	32	38x88	100
K1623	K1610	100	32	48x105	100
K1625	K1612	250	45	60x140	50
K1627	K1614	500	45	75x170	25
K1629	K1616	1000	63	95x206	17
K1631	K1618	2000	63	120x252	15





Wide mouth bottle PE, Graduated, Rectangular

Food-safe product

Reference	Capacity (ml)	Mouth (mm)	Dimension (mm)	Height (mm)	Pack unit
LA609	50	24	35 x 37	70	1
LA610	100	34,5	44 x 47	90	1
LA611	250	34,5	57 x 60	110	1
LA612	500	45	70 x 80	138	1
LA613	1000	60	82 x 102	176	1
LA614	2000	60	100 x 134	210	1



Wide mouth bottle, PE, Graduated, Round

Food-safe product

Reference	Capacity (ml)	Mouth (mm)	Ø x height (mm)	Pack unit
LA408	50	24	40 x 77	1
LA409	100	24	48 x 89	1
LA410	250	34,5	61 x 126	1
LA411	500	34,5	75 x 161	1
LA412	1000	45	93 x 201	1



Bottle for water sampling Polyethylene, Sterilized by radiation

Liquid thiosulphate (24 mg/l). Available in other concentrations

Reference	Capacity (ml)	Feature	Pack unit
7282320	500	with thiosulphate	24
7282321	1000	with thiosulphate	20
7282323	500	with thiosulphate	111
7282323.BU	500	with thiosulphate, unit pack	111
7282324	1000	with thiosulphate	74
7282324.BU	1000	with thiosulphate, unit pack	74
7282330	500	without thiosulphate	24
7282331	1000	without thiosulphate	20
7282333	500	without thiosulphate	111
7282334	1000	without thiosulphate	74



Bottle with screw cap PE-HD, Wide mouth, Insert plug

Sterile are individually packed

Reference Non-Sterile	Reference Sterile	Capacity (ml)	Pack unit
7202811	—	30	100
7202810	—	60	200
7202808	—	90	150
7202809	—	125	200
7202801	—	170	160
7202802	7202802.1	250	125
7202814	7202814.1	400	130
7202821	7202821.O	500	93
7202813	7202813.1O	750	75
7202818	7202828G	1000	50
7202804	—	1250	50
7202815	7202815B.O	1550	45
7202820	7202820.0	2000	35

Drums PE, High density

Food-safe product

Reference	Feature	Capacity (L)	Ø x height (mm)	Mouth (mm)	Pack unit
LA414	wide mouth	5	167 x 350	85	18
LA1187S*	narrow mouth	5	210 x 420	100	18
LA415	wide mouth	10	167 x 355	51	10
LA1188S*	narrow mouth	10	212 x 430	51	10
LA1191S*	narrow mouth	25	275 x 580	80	6
LA1192S*	narrow mouth	50	350 x 715	80	3
LA1393	Stopcock diameter 9mm				1

*with stopcock included



Buckets

PE-HD	PP	Description	Volume (L)	Division (L)	Ø x Height (mm)	Pack unit
—	V96093	bucket	5	1	250 x 240	1
—	V96293	lid only	for 5	—	—	1
—	V96393	bucket	10	1	290 x 300	1
—	V96593	lid only	for 10	—	—	1
V96694	—	with spout	12	1	310 x 330	1
V96794	—	with spout	15	1	310 x 370	1



Instruments trays, MF

Practical tray for instruments, tools and sensitive utensils

Reference	Length (mm)	Width (mm)	Height (mm)	Pack unit
V72098	190	150	40	5
V72198	290	160	35	5
V72398	290	160	60	5
V72498	340	245	100	5
V72298	350	250	40	5



Laboratory/catchment trays, PP

Rounded corners and edges. Smooth surfaces, easy to clean

Reference	Length (mm)	Width (mm)	Height (mm)	Pack unit
V165094	130 x 180	180 x 230	42	1
V165194	180 x 240	250 x 310	65	1
V165294	240 x 300	310 x 370	75	1
V165394	300 x 400	420 x 520	120	1
V165494	400 x 500	534 x 634	140	1
V165594	500 x 700	648 x 846	160	1

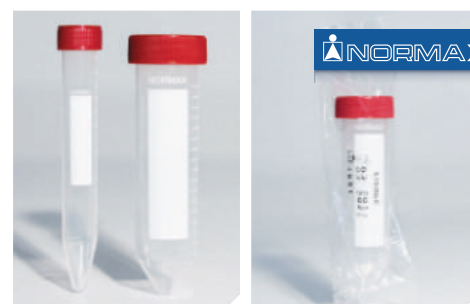


Conical bottom tube, PP transparent, Printed graduation



Sterilised by ethylene oxide, Red cap, Centrifuge resistance 11000 xg

Reference	Capacity (ml)	Base	Sterile	Inner package	Tube	Cap	Pack unit
NX20015	15	no	yes	50	PP	PP	1000
NX20050	50	no	yes	25	PP	PE-HD	500
NX20051	50	no	yes	100	PP	PE-HD	500
NX20052	50	yes	no	unit pack	PP	PE-HD	500
NX20053	50	no	yes	unit pack	PP	PE-HD	500



AUTO
121 °C



Conical bottom tube, PP transparent, Raised scale, 15ml

Sterilised by radiation, centrifuge resistance 7000 xg (sterile models 5.000g)

Reference	Sterile	Pack unit
7429910	No (autoclavable at 121 °C)	500
7429920	Yes, 100 units pack	5 x 100
7429946	Yes, unit pack	500



AUTO
121 °C

Conical bottom tube, Raised scale, 50 ml

Sterilised by radiation, Centrifuge resistance 12000 xg (sterile models 7000 xg)

Reference	Feature	Sterile	Pack unit
7429900	conical bottom	no	500
7429900SP	conical bottom unscrewed cap	no	500
7429901	self-standing bottom	no	500
7429926	conical bottom	yes	500
7429926.25	conical bottom	yes	20 x 25
7429926.10	conical bottom	yes	5 x 100
7429927	self-standing bottom	yes	500
7429927.25	self-standing bottom	yes	20 x 25
7429927.10	self-standing bottom	yes	5 x 100



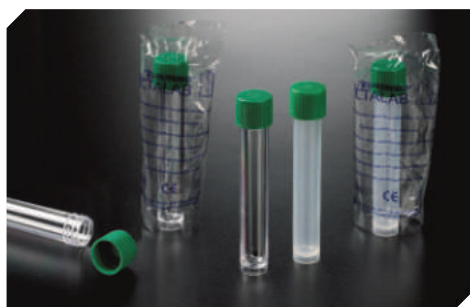
AUTO
121 °C

Conical bottom tube, PP transparent, Printed graduation

Sterilised by radiation, DNase and RNase and pyrogen free, centrifuge resistance 14000 xg

Reference	Capacity (L)	Feature	Sterile	Pack unit
7429940	15	Conical bottom	No*	500
7429945	15	Conical bottom	No*	20 x 25
7429942	15	Conical bottom	yes	20 x 25
7429930	50	Conical bottom	No*	20 x 25
7429931	50	Conical bottom	yes	20 x 25
7429950	50	Self-standing bottom	No*	20 x 25
7429951	50	Self-standing bottom	yes	20 x 25

*Only non sterile models are Autoclavable at 121 °C



Round bottom tube, self-standing bottom, 12 ml

Sterilised by ethylene oxide, 15 x 102 mm

Reference	Feature	Sterile	Pack unit
7301402	Polystyrene, individually wrapped	yes	6 x 250
7301403	Polystyrene	No*	6 x 250
7401402	Polypropylene, individually wrapped	yes	6 x 250
7401403	Polypropylene, high transparency	No*	6 x 250

*Only non sterile models are Autoclavable at 121 °C

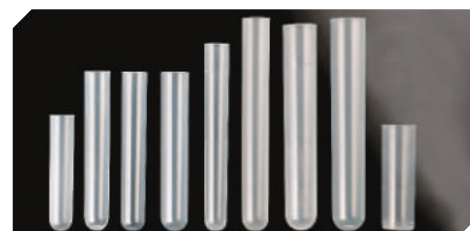
Polystyrene tubes, Round bottom

Reference	Capacity (mL)	Size (mm)	Pack unit
7300500	3	11 x 55	2 x 2000
7300300	4	11 x 70	3 x 1000
7300800.1	5	12 x 75	4 x 1000
7300700	5	13 x 75	4 x 1000
7300705	10	16 x 100	5 x 500
7300100*	17	16 x 150	1000



Polypropylene Tubes, Round bottom

Reference	Volume (ml)	Size (mm)	Pack unit
7400500	3	11 x 55	2 x 2000
7400800	5	12 x 75	4 x 1000
7400800.1	5	12 x 75	4 x 1000
7400700	5	13 x 75	4 x 1000
7400400	6	12 x 88	4 x 1000
7401700	7	13 x 100	6 x 500
7400900	10	16 x 95	5 x 500
7400705	10	16 x 100	5 x 500
7401100	5	15 x 50	5 x 1000



Tube 12 ml, Conical bottom

Reference	Material	Size (mm)	Pack unit
7301200	polystyrene	16x 102	5 x 500
7401200	polypropylene	16 x 102	5 x 500
7301213	polystyrene	17 x 105	1500
7301212	polystyrene	17 x 105	1500
7301201	polystyrene	16 x 100	5 x 500
7401201	polypropylene	16 x 100	5 x 500
7301202	polystyrene	16 x 102	5 x 500
7401204	polypropylene	16 x 100	5 x 500



Cap, PE

Add caps colour number to the reference (ex: 73053**07**)

Reference	Caps Colour	For tubes reference	Pack unit
73053	02 08 07 06	7300500, 7400500	2 x 2000
73003	02	7300300	5 x 1000
73058	02 08 05 07 06 09	7300800.1, 7400800.1	2000
73071	02 08 05 07 06 09	7300700, 7400700	2000
73072	02 05 07 06	7300705, 7400705	2500
73050	02 08 07	7300705, 7400705	2500
73081	02 07 06	7300705, 7400705	2500
73070	06	7300100	1000
73082	02 05	7301201, 7401201, 7401204	2500
73066	01	7301213, 7301212	1500
73055	02 08 05 07	7301201, 7401201, 7301200, 7401200, 7301202, 7401204	2500



Centrifuge Tube

Sterilised by ethylene oxide, Centrifuge resistance 11000 xg

Reference	Capacity (ml)	Dimension (mm)	Centrifugation speed	Bottom	with rack	Bag (unit)	Case (sale unit)
CL474	50	116 x 28	12000 r/min; 14800 xg	conical	no	25	500
CL475	50	116 x 28	12000 r/min; 14800 xg	conical	yes	25	500
CL477	50	118 x 28	12000 r/min; 14800 xg	self standing	no	25	500
CL482	15	120 x 16	10000 r/min; 10280 xg	conical	no	25	500
CL490	15	120 x 16	10000 r/min; 10280 xg	conical	yes	50	500



All CLEARLine centrifuge tubes are packaged in bags or racks sterile, RNase-free, DNase-free and Non-pyrogenic.

- High transparency polypropylene
- Black graduation
- Sterilised at gamma rays SAL 10-6
- Temperature range -80 °C to 100 °C
- Autoclavable at 121 °C during 20 min

Packaging information:

- Batch number is printed on packaging for tracking
- Heat-sealed bag, reusable zip bag
- PS rack, heat shrinking pack



Microtube PP, For PCR

RNAse, DNase and PCR inhibitors free, Autoclavable

Reference	Capacity (ml)	Colour	Pack unit
74094.1N	0,2	natural	1000
74094.1R	0,2	red	1000
74094.1V	0,2	green	1000
74094.1AM	0,2	yellow	1000
74094.1A	0,2	blue	1000



Microtube PP, graduated

Reference	Capacity (ml)	Dimension (mm)	Centrifuge Resistance	Feature	Pack unit
74092.1N*	0,5	7,7 x 30,8	17000 xg	Natural, graduated	10 x 1000
74092.1NS*	0,5	7,7 x 30,8	17000 xg	Natural, graduated, low adherence	10 x 500
7200400P	1,5	10,6 x 41,5	12500 xg	graduated	12 X 500
74092.7N**	2	10,3 x 40,5	12000 xg	Secure lock with safety shield	10 X 500

*used from -80 °C to 121 °C

**used from -20 °C to 121 °C

AUTO
121°C

Microtubes Clearline® PP, Graduated

DNase, RNase, Human DNA, ATP, Pyrogen free, Centrifugable up to 25000 xg

Reference	Capacity (ml)	Colour	Bag (unit)	Case (sale unit)
CL022	1,5	neutral	500	1000
CL0269	2	neutral	500	1000

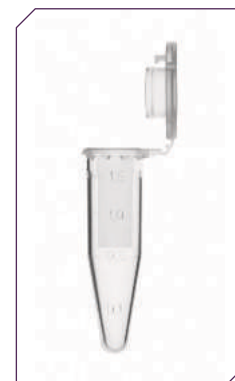


AUTO
121 °C

CLEAR-LOCK™ microtubes with secure locking system

DNase, RNase, Human DNA, ATP, Pyrogen free, Centrifugable up to 25000 xg

Reference	Capacity (ml)	Type	Bag (unit)	Case (sale unit)
CL05.001.0500	0,5	-	500	500
CL15.002.0500	1,5	-	500	1000
CL20.002.0500	2	-	500	1000
CL50.002.0100	5	-	100	200
CL05.050.0001S	0,5	STERILE	1	50
CL15.100.0001S	1,5	STERILE	1	100
CL20.100.0001S	2	STERILE	1	100
CL50.050.0001S	5	STERILE	1	50
CL50.010.0020S	5	STERILE	20	200
CL05.010.1000B	0,5	In bulk	1000	10000
CL15.010.1000B	1,5	In bulk	1000	10000
CL20.008.1000B	2	In bulk	1000	8000
CL50.006.0500B	5	In bulk	500	3000



AUTO
121 °C

Cryogen® Internal cap for tubes

Sterile, DNase, RNase, Human DNA, ATP, Pyrogen free

Reference	Capacity (ml)	Height (cm)	Bottom	Bag (unit)	Case (sale unit)
CL1ARBIPSTS	1,2	4,27	Self standing	50	500
CL2ARBIPSTS	2	4,82	Self standing	50	500
CL2ARIPSTS	2	4,70	Round	50	500
CL4ARBIPSTS	4	7,62	Self standing	50	500
CL4ARIPSTS	4	7,50	Round	50	500
CL5ARBIPSTS	5	9,03	Self standing	50	500
CL5ARIPSTS	5	8,92	Round	50	500

6 colour caps available. To order add the desired color to the tube reference:

/V (green) **/RO** (red) **/G** (yellow) **/BI** (white) **/AZ** (blue) **/VI** (violet)



Cryogen® External cap for tubes

Sterile, DNase, RNase, Human DNA, ATP, Pyrogen free

Reference	Capacity (ml)	Height (cm)	Bottom	Bag (unit)	Case (sale unit)
CL1ARBEPSTS	1,2	4,02	Self standing	50	500
CL2ARBEPSTS	2	4,56	Self standing	50	500
CL2AREPSTS	2	4,45	Round	50	500
CL3ARBEPSTS	3	6,92	Self standing	50	500
CL4ARBEPSTS	4	7,36	Self standing	50	500
CL5ARBEPSTS	5	8,76	Self standing	50	500

6 colour caps available. To order add the desired color to the tube reference:

/V (green) **/RO** (red) **/G** (yellow) **/BI** (white) **/AZ** (blue) **/VI** (violet)



Microcentrifuge Tubes Screw Caps

- CLEARLine® certificated DNase, RNase and Pyrogen free.
- Sterile beta-ray SAL10⁻⁶
- Medical grade raw materials
- Tubes made in medical polypropylene and cap in medical polyethylene
- Engraved writing surface and graduation for accurate measurements
- Autoclavable at 121°C steam for 20 minutes



Sterile microtube O-ring cap

Centrifugation up to 16400 rpm or 25000 xg and temp. from - 85 °C to ° 121°C

Reference	Capacity (ml)	Height (mm ± 0,34)	Bottom	Writing area	Collar	Bag (unit)	Case (sale unit)
CL604/S	0,5	47,1	conical	—	—	500	1000
CL606/S	0,5	48,5	conical	—	x	500	1000
CL614/S	0,5	47,5	self standing	—	—	500	1000
CL616/S	0,5	49,2	self standing	—	x	500	1000
CL724/S	1,5	47,1	conical	x	—	500	1000
CL726/S	1,5	48,2	conical	x	x	500	1000
CL734/S	1,5	47,6	self standing	x	—	500	1000
CL736/S	1,5	49	self standing	x	x	500	1000
CL744/S	2,0	47,2	conical	x	—	500	1000
CL746/S	2,0	48,4	conical	x	x	500	1000
CL754/S	2,0	48,6	self standing	x	—	500	1000
CL756/S	2,0	49,8	self standing	x	x	500	1000



Tube only non sterile

Reference	Capacity (ml)	Height (mm ± 0,34)	Bottom	Writing area	Bag (unit)	Case (sale unit)
CL600	0,5	45,2	conical		1000	3000
CL610	0,5	45,8	self standing		1000	3000
CL720	1,5	45,2	conical	x	1000	3000
CL730	1,5	45,8	self standing	x	1000	3000
CL740	2	45.4	conical	x	1000	3000
CL750	2	46.8	self standing	x	1000	3000



Cap disks

All microtubes can be diversified by using color code inserts

Reference	Capacity (ml)	Bag (unit)	Case (sale unit)
BSM910/AZ	light blue	1000	1000
BSM910/RO	red	1000	1000
BSM910/V	green	1000	1000
BSM910/G	yellow	1000	1000
BSM910/RA	pink	1000	1000
BSM910/BI	white	1000	1000

Screw cap for microtube non sterile

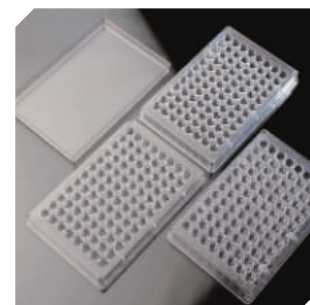
Description	Flat cap + O-Ring	Cap suitable for cap disk + O-Ring	Cap suitable for cap disk with collar + O-Ring
High-mm $\pm 0,21$	6,8	8,2	8,2
Diameter-mm $\pm 0,23$	13,2	13,2	13,2
neutral	CL810	CL811	CL812
light blue	CL810/AZ	CL811/AZ	CL812/AZ
white	CL810/BI	CL811/BI	CL812/BI
yellow	CL810/G	CL811/G	CL812/G
pink	CL810/RA	CL811/RA	CL812/RA
red	CL810/RO	CL811/RO	CL812/RO
green	CL810/V	CL811/V	CL812/V
Bag (unit)	1000	1000	1000
Case (sale unit)	3000	3000	3000



Microtiter plate PS, Standard 96 well plate

Sterilised by radiation, plate size 127,7 x 85,8 mm

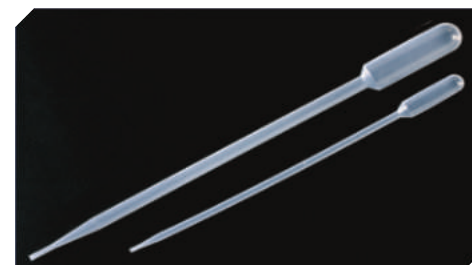
Reference	Feature	Well plate estimate volume (μ l)	Sterile	Pack unit
7900010	round bottom	0,281	yes	50
7900010.1	round bottom	0,281	no	5 x 10
7900011	flat bottom	0,404	yes	50
7900011.1	flat bottom	0,404	no	5 x 10
7900012	conical bottom	0,219	yes	50
7900012.1	conical bottom	0,219	no	5 x 10
7900015	lid for plate	-	yes	50
7900015.1	lid for plate	-	no	5 x 10



Pasteur pipette

Polyethylene

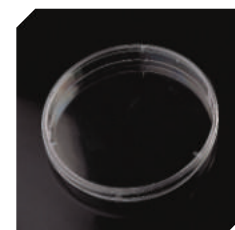
Reference	Capacity (mL)	Sterile	Packaging	Pack unit
NX26500000	1	no	Bulk pack	500
NX26500001	3	no	Bulk pack	500
NX26500049	1	yes	Individually wrapped peel pack	1000
NX26500002	3	yes	Individually wrapped peel pack	1000

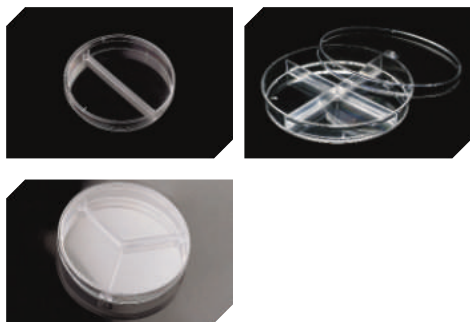


Petri dish PS

Aseptic/Sterile

Reference	Size (mm)	Sterile	Vents	Pack unit
1013760	60 x 15,5	no	0	500
6502121	60 x 14	yes	3	1400
1013890	90 x 14,8	no	3	500
6502055	90 x 14,2	yes	3	500
7200214	140 x 20	no	3	11 x 15
7200219	140 x 20	yes	3	11 x 15

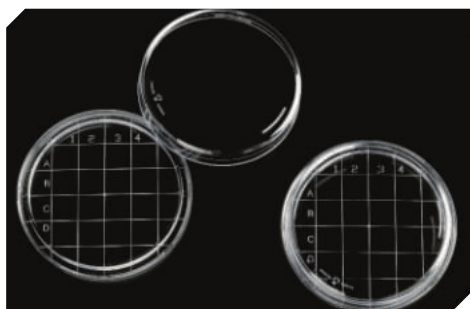




Petri dish PS

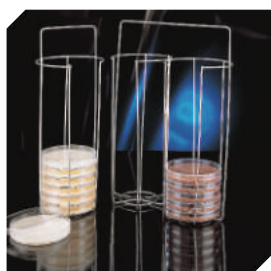
Aseptic

Reference	Size (mm)	Feature	Pack unit
7200202	90 x 14	2 compartments	25 x 20
7200203	90 x 14	3 compartments	25 x 20
7200210	90 x 15	4 compartments	24 x 25
7200204	120 x 120	square	24 x 10



Petri dish Rodac

Reference	Size (mm)	Feature	Pack unit
7200208	65,7 x 14,7	aseptic	25 x 20
7200218	65,7 x 14,7	sterilised by radiation	25 x 20



Support for Petri dish Basket, Stainless steel

For dishes of Ø up to 100mm

Reference	Feature	L. x W. x H. (mm)	Pack unit
7H-600	1 section holds up to 10 dishes	105 X 110 X 250	1
7H-601	2 sections holds up to 20 dishes	105 X 215 X 250	1



Anaerobiosis jar

For 12 petri dishes of Ø 90 mm

Reference	Capacity (L)	Pack unit
7H-625	2,5	1



Loop PS, Calibrated

Sterilised by radiation

Reference	Volume	Colour	Pack unit
6500013	1(µl)	yellow	20 x 50
6500014	10(µl)	blue	20 x 50

Innoculation loop PS, Calibrated

Sterilised by radiation

Reference	Volume	Colour	Internal packaging	Pack unit
BSV1205	10(μl)	blue	Bag of 500	(Case) 4000
BSV1201	10(μl)	blue	Bag of 350	(Case) 2100
BSV1215	1(μl)	white	Bag of 500	(Case) 4000
BSV1211	1(μl)	white	Bag of 350	(Case) 2100



Loop Digrafsky spreader, PS

Sterilised by radiation, Length: total 149mm, Base 40mm

Reference	Feature	Colour	Pack unit
7200500	5 units peel-pack	white	200 x 5
7200510	1 unit peel-pack	white	500



Whirl-Pak sample bags

Step by step instructions



1) Tear off top of the bag along perforation



2) Use pulls tabs to open tab



3) Place the sample inside the bag



4a) Hold bag by wire ends and whirl 3 times to close



4b) Or fold the tab over tightly 3 times to close (use this method for larger bags)



5) Bend wire ends onto bag

Whirl-Pak sample bags, without strips

Sterilised by ethylene oxide, Low density polyethylene

Suitable for: food use, nitrogen liquid, solid and liquid samples

Reference	Capacity (ml)	Dimension (mm)	Thickness (microns)	Pack unit
7200325	60	75 x 125	57	500
7200340	120	75 x 185	57	500
7200341	210	95 x 180	76	500
7200342	390	130 x 190	76	500
7200329	540	115 x 230	64	500
7200332	720	150 x 230	76	500
7200343	720	150 x 230	102	500
7200345	1080	125 x 380	76	500
7200346	1260	150 x 380	76	500
7200347	2070	190 x 380	76	500





Whirl-Pak sample bags, with white strips for writing

Sterilised by ethylene oxide, Low density polyethylene
Suitable for: food use, nitrogen liquid, solid and liquid samples

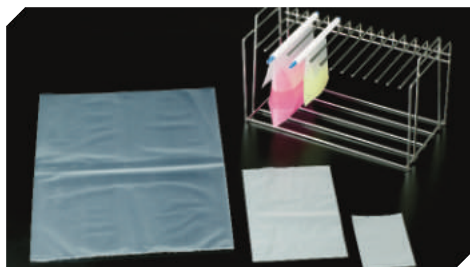
Reference	Capacity (ml)	Dimension (mm)	Thickness (microns)	Pack unit
7200326	60	75 x 125	57	500
7200349	120	75 x 185	57	500
7200364	210	130 x 190	64	500
7200330	390	115 x 230	64	500
7200333	540	150 x 230	76	500
7200351	720	190 x 300	102	500
7200363	1650	190 x 380	76	500
7200357	2070	254 x 380	102	250
7200358	3600	254 x 508	102	250
7200359	5400	380 x 508	102	100



Bag for autoclave

Reference	Capacity (L)	Dimension (mm)	Pack unit
7200100	24	500 x 750	100
7200310	27	300 x 600	500
7200311	45	400 x 750	300
7200312	68	600 x 750	200
7200318	100	750 x 900	100

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Bag for Stomacher® blenders

Sterilised by radiation

Reference	Capacity (ml)	Feature	Pack unit
715001	80	2 compartments	25 x 100
715003	400	3 compartments	25 x 20
715004	3500	4 compartments	25 x 16



Bag PE, Zip-lock bags, without strips

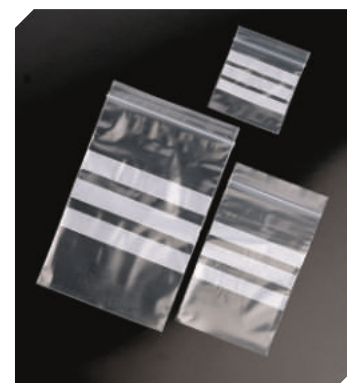
Suitable for solid examples

Reference	Dimension (mm)	Pack unit
7M5555	55 x 55	2000
7M6080	60 x 80	1000
7M70100	70 x 100	2000
7M80120	80 x 120	2000
7M80160	80 x 160	2000
7M100150	100 x 150	2000
7M110110	110 x 110	2000
7M120180	120 x 180	2000
7M150220	150 x 220	2000
7M180250	180 x 250	2000
7M200300	200 x 300	2000
7M250330	250 x 330	2000
7M300400	300 x 400	2000

Bag PE, Zip-lock bags, white stripes for writing

Suitable for solid examples

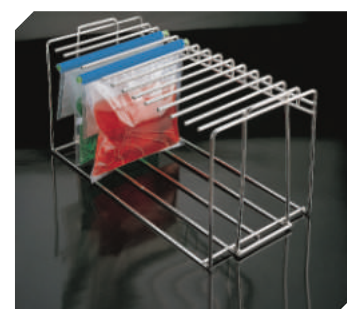
Reference	Size (mm)	Pack unit
7M5555B	55 x 55	2000
7M6080B	60 x 80	1000
7M80120B	80 x 120	1000
7M710110B	70 x 110	1000
7M100150B	100 x 150	1000
7M120180B	120 x 180	1000
7M160220B	160 x 220	1000
7M180250B	180 x 250	1000
7M200300B	200 x 300	1000



Bag rack Stainless steel

Dimension: 39 x 20 x 24 cm

Reference	Feature	Pack unit
715006	Rack for 14 bags (Stomacher type)	1
715007	Clips to adjust bags	10



Indicator tapes

Dimension: 19 mm x 50 m

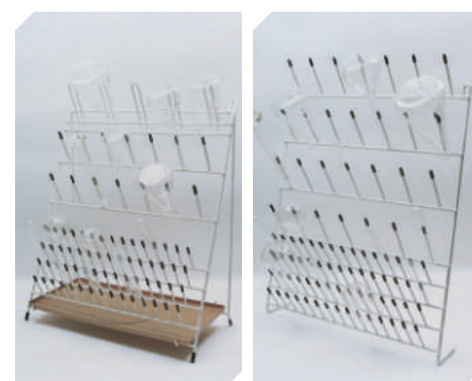
Reference	Feature	Pack unit
7191050	Ethylene oxide gas	8
7191051	Dry heat (poupinel)	8
7191052	autoclave	8



Drain rack

PVC coated

Reference	Feature	Height x Width (mm)	Positions
S1000481	with drip tray	640 x 500	79
S1024132	-	300 x 400	32
S1024148	-	500 x 400	48
S1024188	-	620 x 500	88





Round bottom flask support

Resistance up to 100 °C

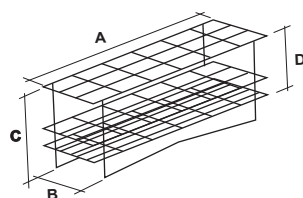
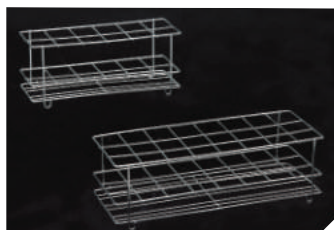
Reference	Feature	Size (mm)
S1000863	For flasks from 100 ml up to 10 litre capacity	160 X 50



Rack for pipettes and thermometers

Resistance up to 100 °C

Reference	Feature	Weight (kg)
S1001254	PVC, 93 positions of various sizes	0,4
S1001466	Polyethylene, 28 positions up to 14 mm diam	1,5



A - Total Length
B - Total Width
C - Total Height
D - Height from tube bottom to top

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Support for tubes

Stainless steel

Reference	Number of tubes	Tubes Ø Up to (mm)	Dimensions ext. (mm)			
			A	B	C	D
S1001563	24 (6 x 4)	13	95	70	70	60
S1025500	12 (4 x 3)	13	65	50	65	50
S1025515	12 (6 x 2)	16	120	45	80	65
S1025524	24 (8 x 3)	16	160	65	80	65
S1025548	48 (8 x 6)	16	160	125	80	65
S1000607	50 (10 x 5)	18	210	110	40	40
S1000610	100 (10 x 10)	18	210	210	60	60
S1004012*	12 (6 x 2)	40	260	90	110	95
S1004024*	24 (8 x 3)	40	345	130	110	95

*suitable for nessler tubes



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Support suitable rack linking guides

Stainless steel

Reference	Number of tubes	Tubes Ø up to (mm)	Dimensions ext. (mm)			
			A	B	C	D
S1001715	15 (5 x 3)	16, Falcon 15 ml	120	80	90	75
S1001716	8 (4 x 2)	30, Falcon 50 ml	145	80	90	75

Support with rack linking guides

Stainless steel

Reference	Number of tubes	Tubes diam. up to (mm)	Dimensions ext. (mm)			
			A	B	C	D
S1002532	24 (8 x 3)	12	160	62	65	—
S1002531	14 (7 x 2)	16	160	62	65	—

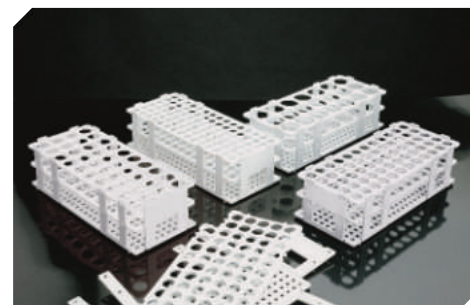


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Support universal test tube racks

Round hole

Reference	Max tube diam.(mm)	Number of tubes	Dimensions ext. (mm)				Pack unit
			A	B	C	D	
7W-014	13	6 X 15 (90)	240	103	65	—	1
7W-015	16	5 X 12 (60)	240	103	65	—	1
7W-016	20	4 X 10 (40)	240	103	65	—	1
7W-017	25	3 x 8 (24)	240	103	65	—	1
7W-018	30	3 x 7 (21)	240	103	65	—	1



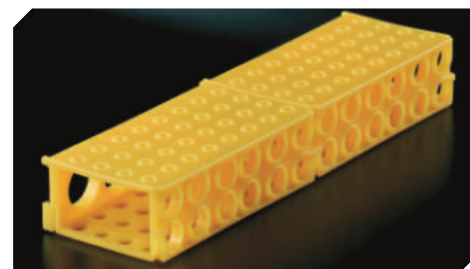
Universal Racks

Designed to attach to another by pressing the two sides together

Reference	Colour	Pack unit
7M-520	natural	5
7M-521	fluorescent blue	5
7M-522	fluorescent pink	5
7M-523	fluorescent yellow	5

Designed to support:

4 x 50 ml conical tubes
12 x 15 ml conical tubes
32 x diam. 12 mm tubes or 1,5/2 ml microtubes
32 x 0,5 ml microtubes.



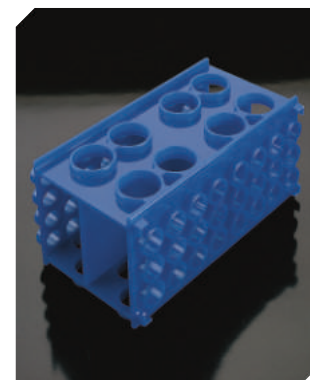
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Universal Racks, withstands from -90°C to + 121 °c

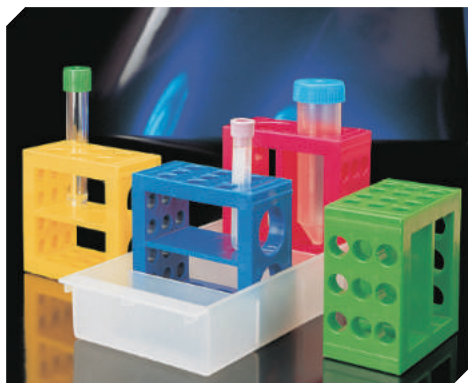
Reference	Colour	Pack unit
7M-530	fluorescent blue	5
7M-531	fluorescent green	5
7M-532	fluorescent pink	5
7M-533	fluorescent yellow	5

Designed to support:

8 x 50 ml tubes diam. 30 mm
20 tubes diam. 20 mm
24 x 15 ml tubes diam. 16/17 mm
40 tubes diam. 12/13 mm



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Combi pack support, withstands from -90°C to +121 °C

4 independent cubes packaged in a clear support tray

Reference	Feature	Pack unit
7330	Set of mixed combi rack	1

Each rack:

2 x 50 ml conical tubes
6 x 15 ml conical tubes
9 x diam. 12 mm tubes or 1,5/2 ml microtubes
12 x 0,5 ml microtubes

Dimensions:

tray (handles included): 242 x 120 x 40 mm
rack: 48 x 92 x 92 mm



Freezing cardboard storage box, withstands up to -100 °C

For microtubes and cryobials

Reference	Dimension ext. (mm)	Grid number	Holes (mm)	Pack unit
7M-600	150 x 150 x 55	10 x 10	12	10
7M-610	150 x 150 x 100	10 x 10	12	10
7M-607	134 x 134 x 47	10 x 10	10	10
7M-606	134 x 134 x 57	10 x 10	10	10
7M-603	134 x 134 x 75	9 x 9	12	10
7M-604	134 x 134 x 79	9 x 9	12	10



Support for microtubes 1,5/2 ml, autoclavable

Dimensions: 210 x 90 x 48 mm

Reference	Feature	Pack unit
7200420	Blue, 20 hole rack	6



Support for cryovials, autoclavable

Can hold up to 50 cryovials

Reference	Colour	Pack unit
7M-028.5	blue	4
7M-028.6	red	4

Description

These racks allow easy one handed opening and closing of tubesthanks to an innovative locking system which ensures that tubes willsecurely lock in each well and will not turn.

You may also like:

Conical tube
(ref.NX20015)

Microtubes
(ref.CL05.001.0500)

Cryovials
(ref.CL1ARBEPSTS)



Conical tube



Microtube



Cryovials

Container for biological samples, 30 ml

Reference	Feature	Sterile	Pack unit
7309202	polystyrene	no	400
7309222	polystyrene, unit pack	no	400
7309222	polystyrene, unit pack	yes	400
1014315S	with spatula	yes	600



Container for biological samples, 50 ml

Tamper with ring

Reference	Feature	Sterile	Pack unit
7419802	Polypropylene, high transparency	no	700



24H urine container

Reference	Capacity (ml)	Feature	Pack unit
7408001	2000	white	34
7408001.O	2000	white, sterile	34
7407003	2000	brown	43
7407005	2700	white	34
7407005.O	2700	white, sterile	34
7407006	2700	brown	34
7408601	3000	brown, with vacuum system and long canula	30
7408610	3000	brown	30



Container for biological samples

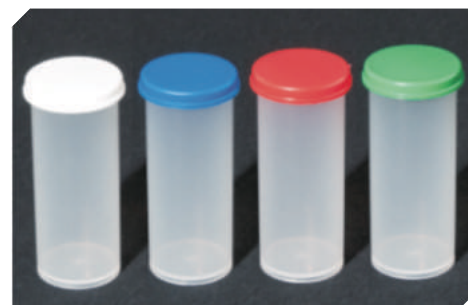
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Reference	Feature	Capacity (ml)	Sterile	Pack unit
1015006S	individually wrapped	60	yes	500
7409526	individually wrapped	60	yes	750
1014191S	individually wrapped	100	yes	500
7409726	individually wrapped	125(total of 150)	yes	350



Container for milk collection, 50 ml

Reference	Cap	Pack unit
1013802BR	white	1000
1013802AZ	blue	1000
1013802VM	red	1000
1013802VD	green	1000





Emergency eyewash bottle low density polyethylene, supplied empty

Instructions for use printed in various languages

Reference	Capacity (L)	Pack unit
719384	1	1



Magnetic stirring bar PTFE

Reference	Diameter (mm)	Length (mm)	Weight (Kg)
719753	3	6	0,04
719748	3	8	0,04
719750	4.5	12	0,04
719751	6	15	0,04
719756	8	20	0,06
719756	8	25	0,06
719758	8	30	0,06
719763	6	35	0,06
719764	8	40	0,06
719698	8	50	0,06
719705	10	70	0,08



Magnetic stirring bar retriever PE

Reference	Diameter (mm)	Length (mm)
V318293	300	1
V318393	450	1

YOU MAY ALSO LIKE:

→ **Normax Magnetic stirrer with heating**
(ref. NX10000-01073)

Other models and equipment are available



Medical grade silicone tubing

Reference	Capacity (L)	Pack unit	Reference	Capacity (L)	Pack unit
7350051	0,5 x 1	1 x 100	7350612	6 x 12	1 x 15
7350115	1 x 1,5	1 x 100	7350079	7 x 9	1 x 15
7350013	1 x 3	1 x 15	7350710	7 x 10	1 x 15
7350024	2 x 4	1 x 15	7350810	8 x 10	1 x 15
7350034	3 x 4	1 x 15	7350812	8 x 12	1 x 15
7350035	3 x 5	1 x 15	7350814	8 x 14	1 x 15
7350037	3 x 7	1 x 15	7350912	9 x 12	1 x 15
7350046	4 x 6	1 x 15	7350915	9 x 15	1 x 15
7350048	4 x 8	1 x 15	7351014	10 x 14	1 x 15
7350057	5 x 7	1 x 15	7351420	14 x 20	1 x 15
7350059	5 x 9	1 x 15	7351622	16 x 22	1 x 15
7350069	6 x 9	1 x 15	7352030	20 x 30	1 x 15
7350610	6 x 10	1 x 15			



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Medical grade silicone tubing technical data

→ **Medical grade silicone tubing**

→ **Non toxic**

→ **Toughness:** 40-80 Sh

→ **Resistance to traction:** 77-95 kg/cm²

→ **Extension:** 275-780%

→ **Resistance to tearing:** 20-50 kg/cm²

→ **Temperature range:** -50 °C to 200 °C (beaks of 250 °C)

→ **Tube thickness** = $\frac{\text{Ø external} - \text{Ø internal}}{2}$

Cassette for tissue Histosette I

Writing area at 30° or 45° angle, depending on the code

30° angled	45° angled	Colour	Pack unit
7454141	7454111	white	3 x 500
7454147	7454117	green	3 x 500
7454140	7454110	pink	3 x 500
7454143	7454113	yellow	3 x 500
7454148	7454118	blue	3 x 500



Cassette for biopsy, Histosette I

Writing area at 45° angle

Reference	Colour	Pack unit
7554111	white	3 x 500
7554117	green	3 x 500
7554113	yellow	3 x 500

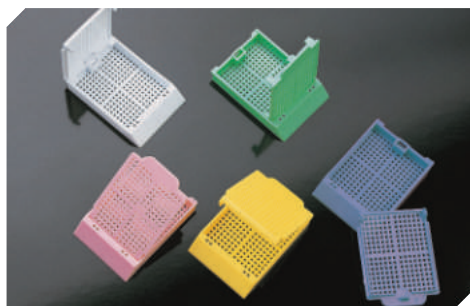




Cassette for tissue, Histosette II

Polyacetal, writing area at 45° angle

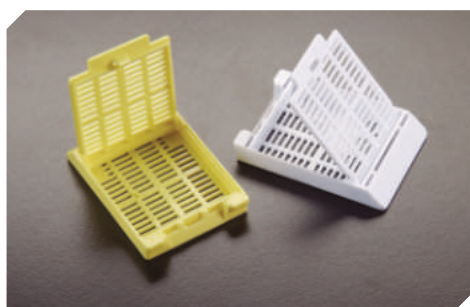
Reference	Feature	Colour	Pack unit
744140	pre-mounted lid	pink	3 x 500
7441140	separate lid	pink	2 x 500
744141	pre-mounted lid	white	3 x 500
7441141	separate lid	white	2 x 500
744143	pre-mounted lid	yellow	3 x 500
7441143	separate lid	yellow	2 x 500
744145	pre-mounted lid	blue	3 x 500
7441145	separate lid	blue	2 x 500
744147	pre-mounted lid	green	3 x 500



Cassette for biopsy, Histosette II

Polyacetal

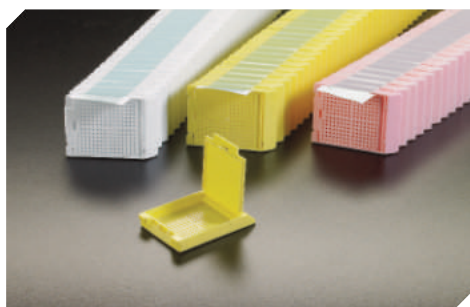
Reference	Feature	Colour	Pack unit
7445140	pre-mounted lid	pink	3 x 500
7445141	pre-mounted lid	white	3 x 500
7451241	separate lid	white	2 x 500
7445143	pre-mounted lid	yellow	3 x 500
7451243	separate lid	yellow	2 x 500
7445145	pre-mounted lid	blue	3 x 500
7451245	separate lid	blue	2 x 500
7445147	pre-mounted lid	green	3 x 500



Cassette for tissue, Slimsette

Polyacetal, writing area at 45° angle

30° angled	Feature	Colour	Pack unit
7555140	single cassette	pink	3 x 500
7555141	single cassette	white	3 x 500
7555143	single cassette	yellow	3 x 500
7555147	single cassette	green	3 x 500
7555148	single cassette	blue	3 x 500
7555250	stacks for Leica® and Sakura®	pink	50 x 40
7555251	stacks for Leica® and Sakura®	white	50 x 40
7555253	stacks for Leica® and Sakura®	yellow	50 x 40
7555257	stacks for Leica® and Sakura®	green	50 x 40
7555258	stacks for Leica® and Sakura®	blue	50 x 40



Cassette for biopsy, Slimsette

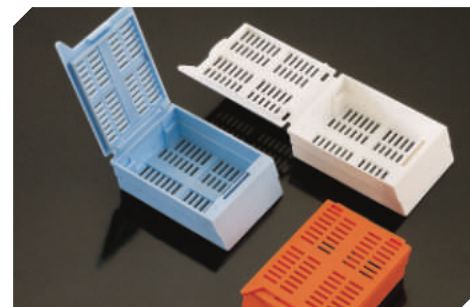
Polyacetal, writing area at 45° angle

30° angled	Feature	Colour	Pack unit
744150	single cassette	pink	3 x 500
744151	single cassette	white	3 x 500
744153	single cassette	yellow	3 x 500
744155	single cassette	green	3 x 500
744157	single cassette	blue	3 x 500
744350	stacks for Leica® and Sakura®	pink	50 x 40
744351	stacks for Leica® and Sakura®	white	50 x 40
744353	stacks for Leica® and Sakura®	yellow	50 x 40
744355	stacks for Leica® and Sakura®	green	50 x 40
744357	stacks for Leica® and Sakura®	blue	50 x 40

Cassette mega cassette, with lid

Polyacetal, available in other colours

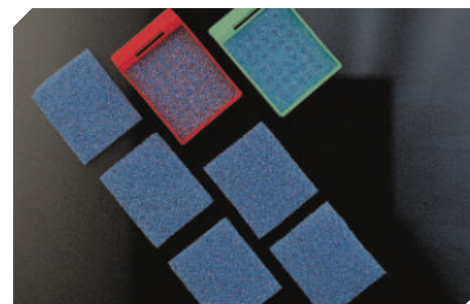
Reference	Dimension (mm)	Colour	Pack unit
744125	26 x 40 x 13	white	500



Tissue embedding sponge

Blue, polyurethane

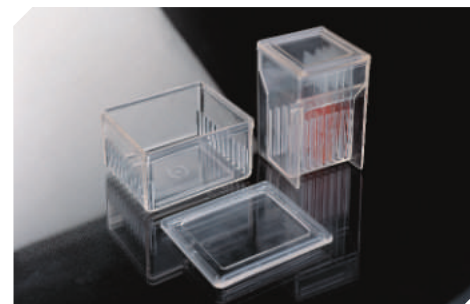
Reference	Dimension (mm)	Pack unit
7192922.04	31 x 25 x 3	500



Staining jar For 10, 8 and 5 slides

Blue, polyurethane

Reference	Feature	Pack unit
719351	Schiefferdecker for 10 slides	1000
719335	Hellendahl for 8 slides	1000
7191087	Coplin for 5 slides	12



Staining system

Autoclavable

Reference	Colour	Pack unit
7191104	blue jar	6
7191105	green jar	6
7191106	white jar	6
7191107	yellow jar	6
7191108	dark grey rack	6

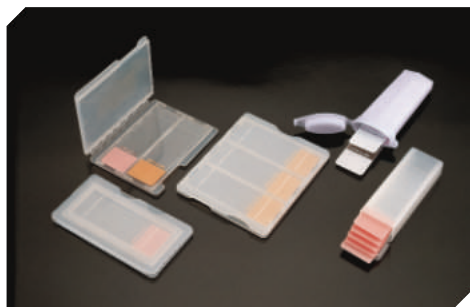


Automatic slide dispenser

For 50 slides

Reference	Dimension (mm)	Pack unit
719540	76 x 26	1





Microscope slide mailer

Polypropylene

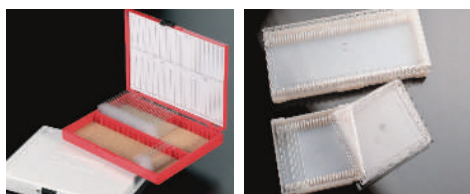
Reference	Feature	Dimension (mm)	Pack unit
719923	For 1 slides	80 x 40 x 6	50
7900025	For 2 slides	87 x 47 x 16	100
797930	For 2 slides	84 x 71 x 6	250
719924	For 3 slides	84 x 99 x 6	10
7900028	For 5 slides	82 x 17 x 29	100
719922	Cylindrical for 10 slides	40 x 90	10



Microscope slide storage box with lid

ABS

Reference	Feature	Colour	Dimension (mm)	Pack unit
719276.B	For 25 slides	beige	93 x 87 x 32	200
719276.A	For 25 slides	blue	93 x 87 x 32	200
719277.B	For 50 slides	beige	200 x 89 x 32	100
719277.A	For 50 slides	blue	200 x 89 x 32	100
719278.B	For 100 slides	beige	200 x 170 x 32	50
919278.A	For 100 slides	blue	200 x 170 x 32	50



Microscope slide storage box with lid

Polystyrene

Reference	Feature	Colour	Dimension (mm)	Pack unit
719278.2	for 100 slides	red	208 x 162 x 32	1
719278.3	for 100 slides	white	208 x 162 x 32	1
719276	for 25 slides	grey	98 x 83 x 38	4
719277	for 50 slides	grey	230 x 97 x 35	1
719278	for 100 slides	grey	230 x 180 x 35	1
719276.1	for 25 slides	clear	105 x 88 32	48
719277.1	for 50 slides	clear	200 x 88 x 32	24



Microscope slide folder with lid

Polystyrene

Reference	Feature	Colour	Pack unit
7989945	for 20 slides	blue	10



Microscope slide tray stackable

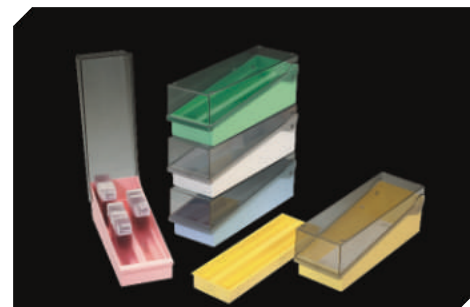
Polystyrene

Reference	Feature	Colour	Pack unit
7989956	for 20 slides	white	10

Microscope slide storage system stackable

Polystyrene

Reference	Feature	Colour	Dimension (mm)	Pack unit
719279.5	for 100 slides	blue	82 x 245 x 86	10
719279.7	for 100 slides	green	82 x 245 x 86	10
719279.3	for 100 slides	yellow	82 x 245 x 86	10
719274.5	for 50 slides	blue	82 x 140 x 86	10
719274.7	for 50 slides	green	82 x 140 x 86	10



Storage box for cassettes with lid

For long term storage, heavy-duty cardboard

Reference	Feature	Dimension (mm)	Pack unit
7DS42	For ± 250 cassettes	450 x 235 x 50	18



Cabinet

ABS

Reference	Feature	Pack unit
719930	Complete, 420 x 420 x 730 mm	1
719931	5 wheels (optional)	1 x 4
719921	Cabinet rack for 100 slides	2
719920	Transparent cover for rack ref. 719921	2

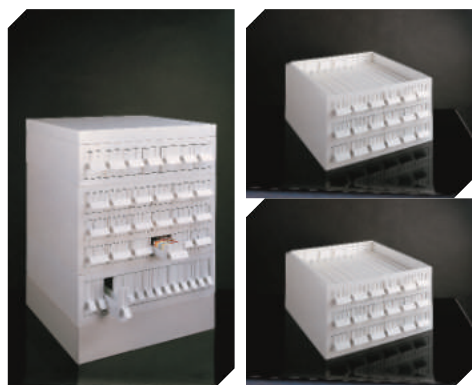


Modular storage drawers

Polystyrene

Reference	Feature	Dimension (mm)	Pack unit
7DS40	For 1500 cassettes	400 x 230 x 340	1





Laboratory storage cabinet

Reference	Feature	Dimension (mm)	Pack unit
7DS61	1. modular top	50 x 480 x 480	1
7DS12	2. modular 7 drawers for 1700 transparencies	120 x 480 x 480	1
7DS35	3. modular for 18 cassette drawers for 1800 embedding rings	255 x 480 x 480	1
7DS11	4. modular for 14 microscope slide drawers for 6500 microscope slides	140 x 480 x 480	1
7DS62	5. modular base	120 x 480 x 480	1



Spatula wood

AYRE

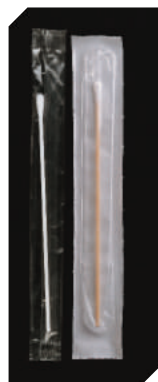
Reference	Feature	Pack unit
7440142.0	for 20 slides	50 x 50
7444150	Sterile, individual peel-pack	2 x 500



Spatula polypropylene

Autoclavable

Reference	Description	Pack unit
7440142	1. non sterile	50 x 50
7444142	2. sterile, individual peel-pack	2 x 500
7444242	3. sterile, individual flow-pack	2 x 500



Swabs

Reference Sterile	Reference Non Sterile	Description	Package	Pack unit
—	6091501	wood+cotton	Individually wrapped	500
7300200	—	wood + cotton	peel-pack	2 x 1000
7310200	—	wood + cotton	flow-pack	2 x 1000
7300201	—	PS snappable + cotton	peel-pack	2 x 1000
7300202	—	PS snappable + cotton	peel-pack	2 x 1000
7310202	—	PS snappable + viscose	flow-pack	2 x 1000
7300203	—	aluminium + cotton	peel-pack	2 x 1000
7310253_1	—	aluminium + viscose	flow-pack	2 x 1000

Sterile swab in round tube

Reference	Description	Pack unit
7300250	wood + cotton	4 x 500
7300259	wood + cotton	4 x 500
7300261	snappable polystyrene + cotton	4 x 500
7300252	snappable polystyrene + viscose	4 x 500
7300251	aluminium + cotton	4 x 500
7300253	aluminium + viscose	4 x 500
7300263	snappable polystyrene + polyester	4 x 500
7300250.1	wood + pure cotton	4 x 500
7300254	twisted aluminium + viscose	4 x 500
7300265	polystyrene + flocked polyester	4 x 500



Sterile swab in round tube

Human DNase, RNase and DNA free certified swabs, steriles

Reference	Description	Pack unit
7300252DNA	polystyrene + viscose	500
7300263DNA	polystyrene + polyester	500

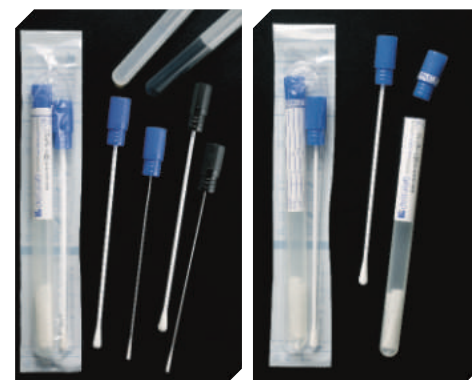


Amies Swab

Sterilised by radiation.

Reference	Description	Case quantity
7300287	snappable polystyrene + viscose	6 x 100
7300285	snappable polystyrene + viscose (with charcoal)	6 x 100
7300281	aluminum + viscose	6 x 100
7300281/1	aluminum + viscose (with charcoal)	6 x 100
7300281T	twisted aluminum + viscose	6 x 90
7300284*	snappable polystyrene + viscose	6 x 100

*Variation where the media is presented on liquid form without agar



Stuart swabs

Sterilised by radiation.

Reference	Description	Case quantity
7300290	wood + cotton	6 x 100
7300291	aluminium + cotton	6 x 100
7300295	snappable polystyrene + viscose	6 x 100





Cary blair swabs

Sterilised by radiation.

Reference	Description	Case quantity
7300280	wood + cotton	6 x 100
7300280.2	snappable polystyrene + viscose	6 x 100



Media for virus Swab

Sterilised by radiation.

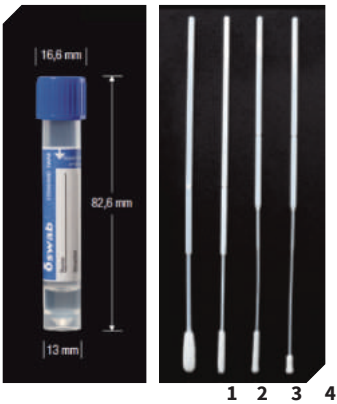
Reference	Description	Case quantity
7300297	snappable polystyrene + polyester	6 x 100
7300294	aluminium + polyster	6 x 100



Media for Chlamydia Swab

Sterilised by radiation.

Reference	Description	Case quantity
7300299	snappable polystyrene + polyester	6 x 100



Amies Swab

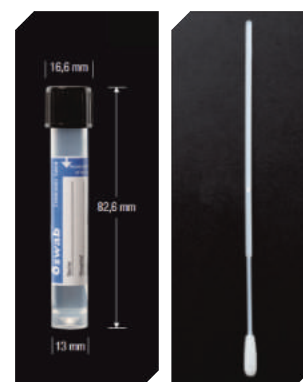
Sterilised by radiation. Particularly suited for microbiological sample collection and transport

Reference	ml	[Photo] Description	Breaking point (ml)	Label colour	Case quantity
7304281	1	[1] with standard flocked swab	80	Blue	6 x 100
7304282	1	[2] with urethral flocked swab	80	Yellow	6 x 100
7304285	1	[3] with nasopharyngeal flocked swab	100	Light Blue	6 x 100
7304286	1	[4] with minitip flocked swab	100	Red	6 x 100

Cary Blair Swab

Sterilised by radiation. Specially suited for the collection and transport of faecal samples.

Reference	ml	[Photo] Description	Breaking point (ml)	Label colour	Case quantity
7304280	2	with standard flocked swab	80		6 x 100



ViCUM®

Sterilised by radiation. Particularly suited for collecting and transporting microbiological samples which contain Virus, Chlamydia, Ureaplasma and/or Mycoplasma

Reference	ml	[Photo] Description	Breaking point (ml)	Label colour	Case quantity
7304271	1	[B1] with standard flocked swab	80		6 x 60
7304278	2	[B1] with standard flocked swab	80		6 x 60
7304276	2	[B2] with urethral flocked swab	80		6 x 60
7304270	2	[B3] with nasopharyngeal flocked swab	100		6 x 60
7304279	2	[B4] with minitip flocked swab	100		6 x 60
7304273	3	[A1] with standard flocked swab	100		6 x 40



Virus

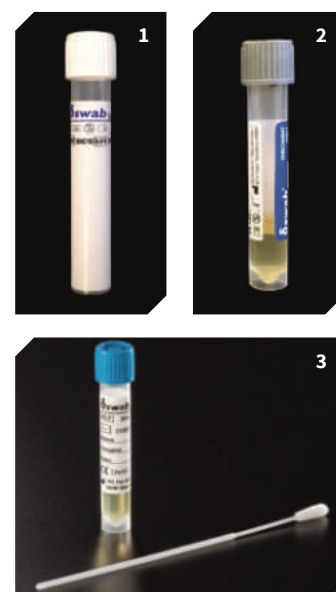
Sterilised by radiation. Particularly suited for collecting and transporting microbiological samples which contain viruses.

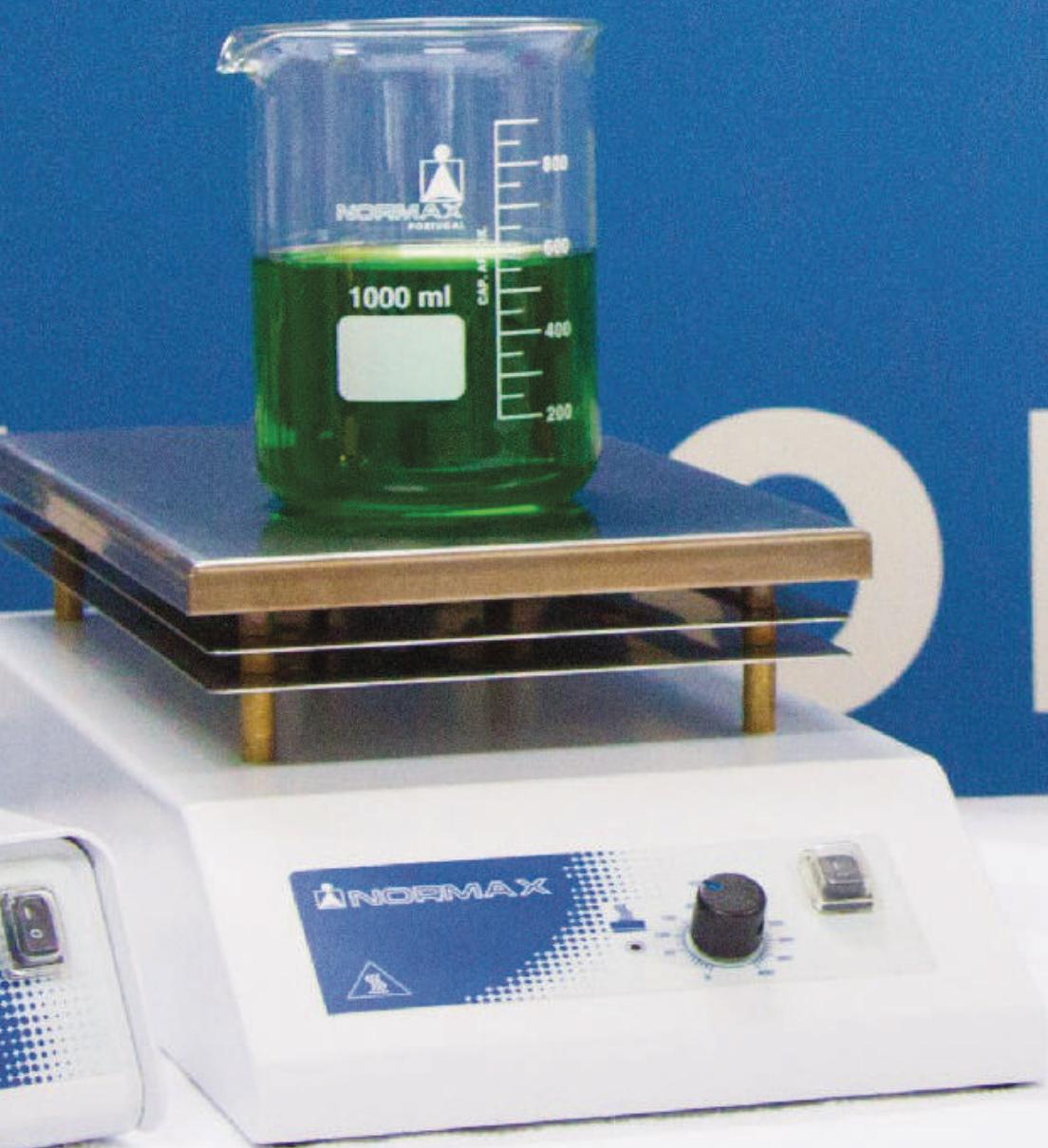
Reference	ml	[Photo] Description	Breaking point (ml)	Label colour	Case quantity
7304291	1	[B1] with standard flocked swab	80		6 x 100
7304297	2	[B3] with nasopharynge flocked swab	100		6 x 100
7304295	3	[A3] with nasopharynge flocked swab	100		6 x 80



Enrichment media

Reference	Description	Tube height (mm)	Cap Ø (mm)	Case quantity
7304210	[1] 2 ml Selenite	82,6	16,6	6 x 100
7304211	[2] 2 ml Thioglycolat	82,6	16,6	6 x 100
7304212	[3] 2 ml LIM Broth	82,6	16,6	6 x 80





04 LAB EQUIPMENT

129 . NORMAX equipment

Magnetic stirrers

- 130 . With heating
- 131 . Without heating
- 132 . Multiposition
- 133 . Linear
- 134 . Orbital
- 135 . Tubes
- 137 . Vortex

Autoclave

- 137 . For sterilization
- 137 . For food pasteurization-sterilization

Bath

- 139 . Thermostatic Bath
- 140 . Ultrasonic
- 141 . Sand
- 141 . Parafin
- 142 . Stirrer/shaker

Balances

- 142 . Analytical
- 142 . Precision
- 144 . Moisture analyser

Pumps

- 145 . Vacuum pump membrane
- 146 . Vacuum pump rotary
- 147 . Peristaltic

Centrifuges

- 148 . Various

Cabinets

- 151 . Vertical laminar flow
- 152 . Horizontal laminar flow
- 152 . PCR
- 152 . Biosafety

Water Still

- 150 . Destilnorma L304
- 150 . AC-L series
- 150 . L-4 Cabinet

Spectrophotometer

- 150 . Series V-1100, VR.2000, UV
- 151 . 4201/50 Model

Ovens

- 151 . Conterm
- 152 . Dryglass
- 152 . 631/632 series
- 152 . Digiheat-TFT series
- 153 . Vaciotem series
- 153 . Digitronic-TFT series

Incubators

- 153 . Cooled
- 154 . Incubat
- 154 . Incudigit
- 154 . Incubig
- 155 . Prebatem
- 155 . Boxcult
- 155 . CO₂
- 155 . Orbital shaker
- 156 . PLX-IN

Muffles

- 156 . Various

Rotary evaporator

- 156 . Various

Homogenizer

- 157 . X-1000 / CY-500 series
- 157 . Solid Mixers VS-5 and VS-8
- 157 . TR-15

Ductless fume hood

- 157 . Cruma series

Heating mantles

- 158 . Fibroman-C, 655 series
- 158 . Digestion Kjeldahl/Soxhlet

Meters

- 159 . For temperature
- 162 . Thermo-hygrometers
- 164 . Turbidity meters

Hotplates

- 165 . MCH series
- 165 . Plactronic series
- 165 . Analogue hotplate
- 165 . Combiplac series
- 165 . MH series

Microscopes

- 166 . B-150, 190, HBC, 3000, 701 series
- 168 . Special application

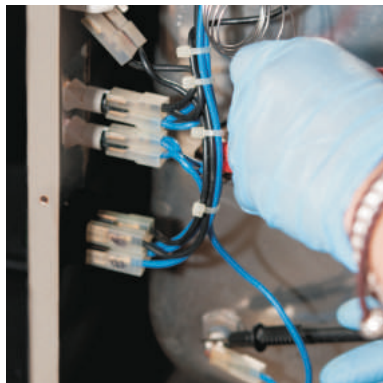
Refrigerated cabinets

- 168 . Medilow S, M, L & LG
- 168 . Pharmalow series

Thermoreactors

- 169 . RD 125
- 169 . ECO 8/16
- 169 . COD Determination
- 169 . BOD analysis

Corrective maintenance



Preventive maintenance



Calibration service



For technical assistance please contact: assistec@normax.pt

Equipment not manufactured by Normax will comply with the warranty terms* mentioned below:

1. The warranty covers only malfunction repairs, manufacture defects or faulty components.
2. Inappropriate equipment installation, non-approved components replacement and misuse of the device will not be covered by the warranty.
3. The risk of damage or any other hazards or loss during transportation for repairing purposes will be on customer's account.
4. Technical assistance during and after warranty is provided by qualified technicians or under NORMAX responsibility.
5. Training, installation and set-up not included. Quotation under request.

*Normax general sales conditions are also applicable

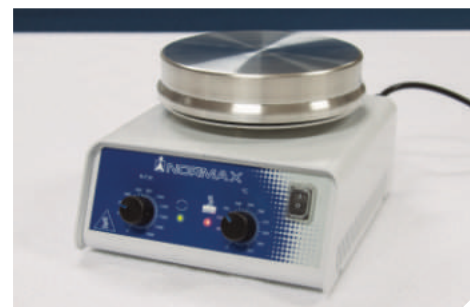
 Equipment

Magnetic stirrer NX1200 with heating

NX1200 has an analogue speed and temperature control, with a smooth and progressive start to maintain the coupling, independently of the selected speed. Comes with a removable aluminium plate to allow replacement in case of damage.

Warranty 2 years.

Reference	Capacity (L)	Control	Speed (rpm)	Max Temp. (°C)	Plate/size
NX10000-01200	5	analogic	1500	400	Aluminium/ Ø15,4

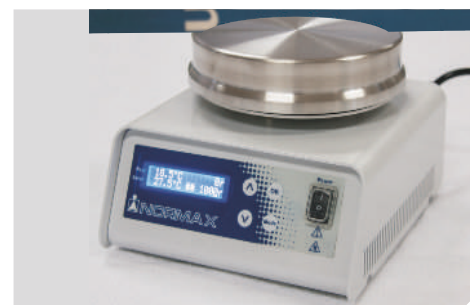


Magnetic stirrer NX1205 with heating

NX1205 has the speed and temperature controlled by microprocessor, with an internal Pt 100 probe. Constant speed regardless of the sample conditions. Comes with a removable aluminium plate to allow replacement in case of damage. Keyboard membrane touch with speed and temperature indication.

Warranty 2 years.

Reference	Capacity (L)	Control	Speed (rpm)	Max Temp. (°C)	Plate/size
NX10000-01073	5	digital	1500	300	Aluminium/ Ø15,4

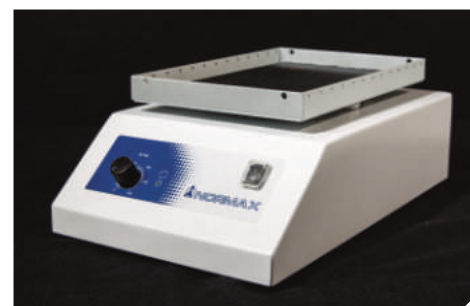


Hotplate NX1210

NX1210 is suitable for small or medium-sized containers. Adjustable speed. Soft start and stop regardless of the selected speed. Non-slip surface. Very quiet and continuous operation. Information about platform, material & if is interchangeable. Dimensions 220x370x135. Kg 7.

Warranty 2 years.

Reference	Control	Feature	Angle	speed (rpm)	Tubes Ø x H. (mm)
NX10000-01210	Analogic	orbital	10°	0-500	174 x 256

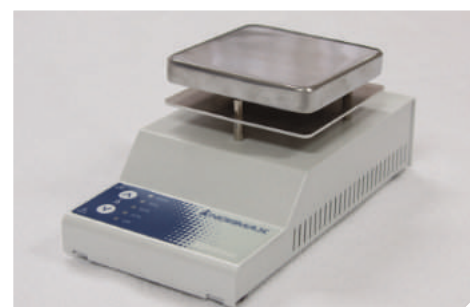


Hotplate NX1240

NX1240 Suitable for all types of laboratories. Analog temperature regulation in 4 levels controlled by microprocessor. Dimensions 110x220x90. Voltage 230, Hz 50/60 Insulation rating IP32.

Warranty 2 years.

Reference	Control	Temp. (°C)	Resolution	Plate size (mm)
NX10000-01240	digital	20 - 200	8 levels	100 x 100

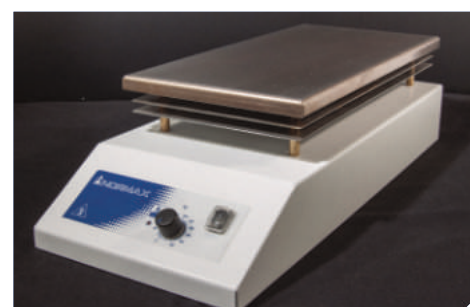


Hotplate NX1273

The **NX1273** is suitable for all types of laboratories. Analog temperature regulation. Operation indicator light. Dimensions 220x525x150. kg 7, Voltage 230, Hz 50/60 Insulation rating IP32.

Warranty 2 years.

Reference	Control	Temp. (°C)	Division	Plate size (mm)
NX10000-01273	Analogic	0 - 400	8 levels	200 x 400



Magnetic Stirrers *with heating*



Analogue Agimatic-N

Suitable for all laboratories due to its robustness ergonomic and design.

Electronic stir speed control and power to the heater.

Supplied with a PTFE coated stir bar of $\varnothing$ 8 x 40 mm long. Dimensions 145x190x260. kg 3,5.

Warranty 1 year.

Reference	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
S7000243	1 x 10	60 - 1600	350	Inox / $\varnothing$ 14,5



Digital Agimatic-ED

Suitable for all laboratories due to its robustness ergonomic and design.

Electronic stir speed control and power to the heater. Silumin upper plate covered by AISI 304 stainless steel. Supplied with a PTFE coated stir bar of $\varnothing$ 8 x 40 mm long.

Dimensions 145x190x260. Weight 3,5 kg.

Warranty 1 year.

Reference	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
S7001511	1 x 10	60 - 1600	350	Inox / $\varnothing$ 15,4



Analogue 690/1

Metallic structure epoxi coated. Plate of anodized aluminium. Max. volume: 2000 mL.

Max. temp. (plate): RT-180 °C $\pm$ 10%.

Stand (rod, bosshead and clamp) and magnet. Power supply: 220-240VAC, 50Hz.

Warranty 2 years.

Reference	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
ALBB001	1 x 2	2000	180	Aluminium / 12 x 12



Analogue 692

Metallic structure, sturdy and very stable. Ceramic coated metal stirring plate that assures a better chemical resistance and durability. Accessories included: electrode or thermometer supporting rod and clamp, and stirring magnet.

Warranty 2 years.

Reference	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
ALBB002	1 x 10	1600	380	ceramic / 19 x 19



Digital 692/1

Metallic structure, sturdy and very stable. Ceramic coated metal stirring plate that assures a better chemical resistance and durability. Accessories included: electrode or thermometer supporting rod and clamp, and stirring magnet. Heating Power 600 W. Temp. sensor Pt100. Power 220 V / 50 Hz. Dimensions 340x200x120 mm. Weight 4.5 Kg.

Warranty 2 years.

Reference	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
ALBD001	1 x 10	1600	350	ceramic / 19 x 19

Magnetic Stirrers *without heating*

Analogue Agimatic-S

Suitable for all laboratories due to its robustness ergonomic and design. Electronic stir speed control. Supplied with a PTFE coated stir bar of $\varnothing$ 8 x 40 mm long. External Dimensions 145x190x260. Weight 3,5 Kg.

Warranty 1 year.

Reference	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
S7000242	1 x 10	60 - 1600	—	Inox / 12 x 12



Analogue Agimatic-HS

Electronic stir speed control. Digital speed display. Supplied with a $\varnothing$ 16 x 127 mm long stir bar. Dimensions 120x280x340. Weight 8 Kg.

Warranty 1 year.

Reference	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
S7001005	1 x 25	50 - 980	—	Inox / 19 x 19



Analogue RSLAB-1NC

Stainless steel plates with hotplate porcelain enamel surface. Motor with electronic speed control. Constant speed even during changes in load. High magnetic adhesion, prevent stirrer bar escape. External rotor brushless motor guarantees long service time. Safe separate circuit, automatically stop to heat, when the temperature is over 350°C. Protection class according to DIN EN60529: IP42.

Warranty 2 years.

Reference	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
ALBG003	1 x 20	1500	—	Inox / $\varnothing$ 13,4



Analogue 682

Metallic structure, sturdy and very stable. Ceramic coated metal stirring plate that assures a better chemical resistance and durability. Accessories included: electrode or thermometer supporting rod and clamp, and stirring magnet. Provided with indicating pilots for speed and heat operation.

Warranty 2 years.

Reference	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
ALBG002	1 x 10	100 - 1600	—	ceramic / 19 x 19



Analogue MiniMix MN02E

Speed controlled by microprocessor. LED's display with indication of the selected speed, 4 levels. Membrane push-button control. Antiscratch surface. Dimensions 115x200x50.

Warranty 2 years.

Reference	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
O10000-01036	1 x 2	300 - 1250	—	inox / $\varnothing$ 11





Analogue MicroMix MC08E

Stirrer speed controlled by microprocessor. Smooth and progressive start to maintain the magnetic coupling, independently of the selected speed. Automatic restart after unexpected shut down keeping the same parameters as before the incident.

Dimensions 210 x 260 x 110 mm.

Warranty 2 years.

Reference	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
O10000-00094	1 x 8	200 - 1500	—	inox / Ø 15



Digital MicroMix MC20E

Stirrer speed controlled by microprocessor. Smooth and progressive start to maintain the magnetic coupling, independently of the selected speed. Automatic restart after unexpected shut down keeping the same parameters as before the incident.

Dimensions 210 x 260 x 110 mm.

Warranty 2 years.

Reference	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
O10000-00095	1 x 20	200 - 1500	—	inox / Ø 15



Digital MicroMix Ultra MC50UE

Stirrer speed controlled by microprocessor. Smooth and progressive start to maintain the magnetic coupling, independently of the selected speed. Automatic restart after unexpected shut down, keeping the same parameters as before the incident. Antiscratch surface. Dimensions 410x570x140 mm.

Warranty 2 years.

Reference	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
O10000-01052	1 x 50	50 - 500	—	Inox / 35 x 40

Magnetic Stirrers *multiposition*



Multimatic series without heating

Electronic heater energy control. For 5 flasks positions. Illuminated mains switch. Individual position stir speed control.

Dimensions 110x280x350. Weight 7 Kg.

Warranty 1 year.

Reference	Model	Control	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
S7000951	Multimatic-5S	analogic	5 x 0,6	0 - 1600	—	
S7000952	Multimatic-9S	analogic	9 x 0,3	0 - 1600	—	



Multimatic series with heating

Electronic heater energy control. Over temperature safety thermostat fitted.

Supplied with a 5 or 9 mm bar.

Dimensions 160x280x350 mm. Weight 12 Kg.

Warranty 1 year.

Reference	Model	Control	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
S7000953	Multimatic-5N	analogic	5 x 0,6	0 - 1600	300	Inox / Ø 15,4
S7000954	Multimatic-9N	analogic	9 x 0,3	0 - 1600	300	

RSLAB-5NC without heating

High-performance multi-position magnetic stirrer with 10 stirring position, optimum use of laboratory space. Individually controlled stirring for consistency with various samples step less speed regulation. External rotor brushless motor reduces operating noises and increases motor life. Electronic speed control motor provides constant speed during changes in load.

Warranty 1 year.

Reference	Control	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
ALBG005	Analogic	10 x 0,4	0 - 1100	—	Inox / 18,2x45

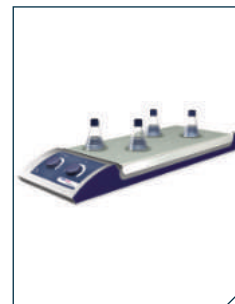


RSLAB-5C with heating

High-performance multi-position magnetic stirrer with 10 stirring position, optimum use of laboratory space. Individually controlled stirring for consistency with various samples step less speed regulation. External rotor brushless motor reduces operating noises and increases motor life. Stainless steel plate with silicone films, anti-slip and anti-corrosion. Inner set temperature control panel, uniform temperature distribution.

Warranty 1 year.

Reference	Control	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
ALBB004	Analogic	10 x 0,4	0 - 1100	100	Inox / 18,2x45



MultiMix Ultra MMH with heating

Multiple stirring units in a single platform, with a single electrical connection. Each magnetic stirrer works independently. Speed and temperature controlled by microprocessor. Selection among 10 different levels for temperature and speed. Removable plates to be able to replace itself in case of deterioration.

Warranty 2 years.

Reference	Model	Control	Position x Cap. (L)	Speed (rpm)	Temp. (max °C)	Plate / Size (cm)
O10000-01022	MMH3E	analogic	5 x 3	300 - 1500	400	inox / 19 x 19
O10000-01050	MMH30E	digital	5 x 3	100 - 1250	400	alluminium
O10000-01037	MMH50E	digital	2 x 5	200 - 1200	400	polished alluminium
O10000-01032	MMH90E	digital	2 x 9	200 - 1200	400	polished alluminium



Magnetic Stirrers *linear*

Multidimensional shaker RSLAB 7-A

Linear movement. Shaking platform including with max. shaking weight of 3,0 kg. Dimensions: 330x270x110 mm. Weight 3,1 Kg.

Warranty 1 year.

Reference	Control	Feature	Speed (rpm)	Amplitude (mm)	Tubes Ø x H. (mm)
ALJQ001	Analogic	linear	0 - 200	20	330 x 270



Multidimensional shaker RSLAB 7-D

Linear movement (Ø: 4 mm) Max. shaking weight: 2,5 kg. Timer (1-1199 min)/Continuous. Over speed protection. Output RS232. Protection class: IP21. Plate with 3 bars included.

Warranty 1 year.

Reference	Control	Feature	Speed (rpm)	Amplitude (mm)	Tubes Ø x H. (mm)
ALJQ002	digital	linear	100 - 350	4	340 x 300





Multidimensional shaker RSLAB-7 PRO

Orbital/Linear movement (Ø: 4 mm) Max. shaking weight: 2,5 kg to 7,5 kg. Timer (1-1199 min)/Continuous. Over speed protection. Output RS232. Protection class: IP21. Plate with 3 bars included.

Warranty 1 year.

Reference	Control	Feature	Speed (rpm)	Amplitude (mm)	Tubes Ø x H. (mm)
ALJQ003	digital	linear	100 - 350	10	420 x 370

Magnetic Stirrers *orbital*



Analogue shaker RSLAB-7-A

Max. shaking weight: 3,0 kg. Dimensions: 330x270x110 mm. Shaking platform included.

Warranty 1 year.

Reference	Control	Feature	Speed (rpm)	Amplitude (mm)	Tubes Ø x H. (mm)
ALJN002	Analogic	orbital	0 - 200	20	330 x 270



Analogue shaker RSLAB-7-D

Orbital/Linear movement (Ø: 4 mm) Max. shaking weight: 2,5 kg to 7,5 kg. Timer (1-1199 min)/Continuous. Over speed protection. Protection class: IP21. Plate with 3 bars included.

Warranty 1 year.

Reference	Control	Feature	Speed (rpm)	Amplitude (mm)	Tubes Ø x H. (mm)
ALJN003	Analogic	orbital	100 - 800	4	340 x 300



Analogue shaker RSLAB 7-PRO

Orbital movement (Ø: 4 mm) Max. shaking weight: 2,5 kg. Timer (1-1199 min)/Continuous. Over speed protection. Protection class: IP21. Plate with 3 bars included.

Warranty 1 year.

Reference	Control	Feature	Speed (rpm)	Amplitude (mm)	Tubes Ø x H. (mm)
ALJN004	Analogic	orbital	100 - 500	10	430 x 370

YOU MAY ALSO LIKE:

→ **Petri dish with counting grid**
(ref. 50585412)

→ **Erlenmeyer Flask**
(ref. 2122614N, 2121614N)



Tube Roller RSLAB-9

Compact space-saving design fits easily in the incubator and refrigerator. Used with a wide variety of accessories, available for all kind of needs. Rotator capacity: 48 x 1.5 mL - 16 x 15 mL - 8 x 50 mL. Protection class according to DIN EN60529: IP21.

Warranty 1 year.

Reference	Model	Feature	Speed (rpm)	Shaking angle	Tubes Ø x H. (mm)
ALJG004	9 digital disk	Rotative angle 0 - 90	10 - 70	0° to 90°	—



Rocker for 12 tubes

Platform is provided with a rocking motion up and down. The stirring speed is soft and constant ensuring an optimal shaking of samples. The platform is coated with a removable rubber tray that avoids tubes to slide. Platform 255x175 mm. Dimensions 350x200x95 mm.

Warranty 2 years.

Reference	Model	Control	Capacity	Speed (rpm)	Amplitude (mm)	Tubes Ø x H. (mm)
ALJB001	683/10	Analogic	12 tubes	15	—	20 x 170



Roll and tilt stirrer 683

Number of rollers: 7. Balance and rotation movements.

Warranty 2 years.

Reference	Control	Capacity	Speed (rpm)	Tubes Ø x H. (mm)
ALJD001	Analogic	rotative	10-80	30 x 240



Tilting Mixer Shaker Movil-Tub

Fixed speed tilting shaker mixer with removable silicon, anti slide tray. Recommended especially for haematology, chemistry and microbiology applications.

Warranty 1 year.

Reference	Model	Control	Feature	Speed (rpm)	Plate / Size (cm)
S7000913	Movil-Tub	Analogic	Rocker for 12 tubes	15	inox / Ø 11



YOU MAY ALSO LIKE:

→ **Conical bottom tube 15ml** (Centrifuge resistance 11000 xg) (ref. NX20015)

→ **Conical bottom tube 50ml** (Centrifuge resistance 11000 xg) (ref. NX20053)



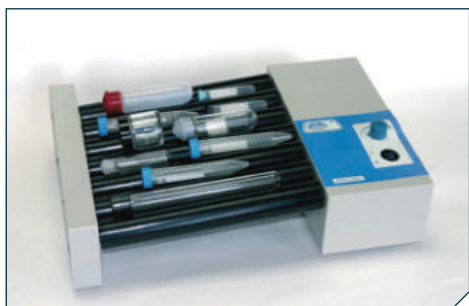


Rotator Orbit

Adjustable rotation angle axis from vertical to horizontal. An elastic shaft drive and clip supports permit the flasks and tubes to be loaded and unloaded while the motor is running. Epoxy coated outer casing. Recommended for extractions of cell cultures, blood tubes and other haematological applications.

Warranty 1 year.

Reference	Model	Control	Feature	Speed (rpm)	Plate / Size (cm)
S3000445	Orbit	Analogic	Stirrer for 30 tubes	80	inox / Ø 15



Roller and tilt mixer Movil-Rod

Adjustable rotation angle axis from vertical to horizontal. An elastic shaft drive and clip supports permit the flasks and tubes to be loaded and unloaded while the motor is running. Epoxy coated outer casing. Recommended for extractions of cell cultures, blood tubes and other haematological applications.

Warranty 1 year.

Reference	Control	Feature	Speed (rpm)	Angle (°)	Plate / Size (cm)
S7001723	Analogic	Rotative stirrer	10 - 70	0 - 90	inox / Ø 15

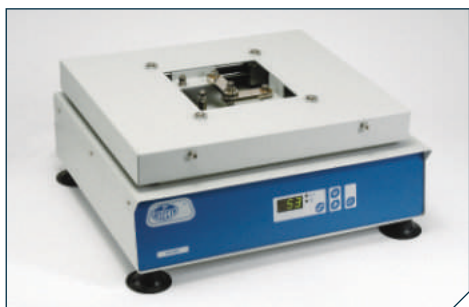


Orbital and linear motion shaker Rotaterm

Adjustable temperature range from ambient +5 °C. to 250 °C. Electronic digital speed control from 20 to 230 oscillations per minute and timer from 1 to 999 minutes or continuous operation. Adjustable oscillation amplitude: 15 and 20 mm. Choice of: orbital or linear motion. The upper platform is made of AISI 304 stainless steel with adjustable tensile spring clips that allow all kinds of glassware, flasks, Erlenmeyer flasks, racks, etc. to be held in position. Digital calibration temperature circuit.

Warranty 1 year.

Reference	Control	Feature	Speed (rpm)	Amplitude (mm)	Plate / Size (cm)
S3000435	Digital	Orbital and linear with heating	0 - 200	20	Inox / 35 x 40



Orbital and linear shaker Rotabit

Versatile orbital and horizontal shaker. Speed control with timer from 1 to 999 minutes or continuous operation. Epoxy covered outer casing. Easy to interchange platforms. Dimensions 200x420x430 mm. Weight 13,5 Kg.

Warranty: 1 year.

Reference	Control	Feature	Speed (rpm)	Amplitude (mm)	Plate / Size (cm)
S3000974	Digital	Orbital and linear	0 - 200	20	inox / 19 x 19



AG200

Electronic digital control of speed and run-time. Digital control. Capacity for 4 petri plates. Useful for slides and little flasks shaking. Dimensions 100x280x260 mm. Weight 7 Kg.

Warranty 1 year.

Reference	Control	Feature	Speed (rpm)	Amplitude (mm)	Plate / Size (cm)
S5312010	Digital	orbital	240	24	inox

Vortex Mixer

Ideal for mixing samples in tubes, vials and similar vessels of different diameters at extremely high speed rates.

Warranty 1 year.

Reference	Model	Control	Speed (rpm)	Amplitude (mm)
S5411000	Reax-Top	analogic	2500 (adjustable)	5
S5451000	Multi-Reax	digital	2000 (adjustable)	3



Mixer shaker for tubes Vortex-Vib

With stirring selector by pressure, or fixed in continuous. Starting switch, 4 interchangeable platforms for multiple tubes and 50 ml flasks. Base with 4 suction cups for full adherence.

Warranty 1 year.

Reference	Control	Speed (rpm)	Amplitude (mm)
S7001725	analogic	2800 (adjustable)	—



Mixer shaker for tubes VibraMix

With stirring selector by pressure, or fixed in continuous. Starting switch, 4 interchangeable platforms for multiple tubes and 50 ml flasks. Base with 4 suction cups for full adherence.

Warranty 2 years.

Reference	Control	Speed (rpm)	Amplitude (mm)
O10000-01006	analogic	2600 (adjustable)	3



Vortex mixer RSLAB-6PRO

Continuous and discontinuous operation. Shaking movement orbital 4mm. Excellent vibration damping. Eccentric with oilless ball bearings. Protection class IP21. Dimensions 127x130x160mm. Standard top included.

Warranty 1 year.

Reference	Control	Speed (rpm)	Amplitude (mm)
ALGB003	analogic	2500 (adjustable)	4



YOU MAY ALSO LIKE:

→ **Round Bottom Flask**
(ref. 2172124N)

→ **Round Bottom Flask w/ standard ground joint**
(ref. 46809)



Autoclaves

Micro/Med

Autoclave for sterilization. Vertical stand model conforms to apparatus pressure regulation directives. Pressure regulator thermostat of 1 and 2 bar. AISI 304 stainless steel external case and top. Stainless steel chamber and lid, with easy opening. INCOLOY special stainless steel heater element, which provides long life, low corrosion and high temperatures resistance.

Warranty 1 year.

Reference	Model	Capacity (L)	Temp. (°C)	Pressure (bar)	Size (cm)	Power (W)
S4001745	Micro 8	8	121 - 134	1/2	24 x 15	1000
S4001756	Med 12	12	121 - 134	1/2	24 x 26	1800
S4001757	Med 20	20	121 - 134	1/2	24 x 41	2500



Presoclave III

Autoclave for sterilization. Vertical stand model conforms to apparatus pressure regulation directives. Microprocessor temperature and cycle control and atmospheric purge. Pressure regulator thermostat of 1 and 2 bar. External case made from stainless steel. INCOLOY stainless steel heater elements, hard waring, resistant to corrosion and high temperatures.

Warranty 1 year.

Reference	Model	Capacity (L)	Temp. (°C)	Pressure (bar)	Size (cm)	Power (W)
S4001758	Presoclave III	50	115 - 134	0,21-1 / 2	30 x 70	3000
S4002136	Presoclave III	80	115 - 134	0,62 - 2	40 x 60	3600



Austester ST Dry PV-III

Conforms to the regulation 97/23/CEE equipment under pressure 3.3. Stainless steel lid with six closure point system. Pulsed vacuum system and atmosphere purge. Incorporated steam generator, connected to the main chamber. Water reservoir for clean water for the steam generator boiler. External water connection if required. USB output for PEN-DRIVE data logging and computer connection.

Warranty 1 year.

Reference	Model	Capacity (L)	Temp. (°C)	Pressure (bar)	Size (cm)	Power (W)
S4002420	Austester ST Dry PV-III	25	105 - 134	0,21 - 2	30 x 35	2510
S4002516	Austester ST Dry PV-III	50	105 - 134	0,21 - 2	30 x 70	3000
S4002517	Austester ST Dry PV-III	80	105 - 134	0,21 - 2	40 x 60	4850
S4002518	Austester ST Dry PV-III	150	105 - 134	0,21 - 2	50 x 70	7500



Steril-food

For preserved food pasteurization-sterilization. Model include compressor and not need compressed air installation. Water supply needed with low-cal content and drainage. External case, top, tank and lid made of stainless steel. Tank filled by external water inlet. Temperature control probe inside the sample. Counter pressure system to prevent the cans breakage. Temperature, time and pressure registered in USB

Warranty 1 year.

Reference	Model	Capacity (L)	Temp. (°C)	Pressure (bar)	Size (cm)	Power (W)
S4002421	Steril-Food COM 20	20	70 - 121	1	24 x 41	2500
S4002427	Steril-Food MAN 80	80	70 - 121	1	40 x 60	3600
S4002422	Steril-Food COM 80	80	70 - 121	1	40 x 60	3600
S4002428	Steril-Food MAN 150	150	70 - 121	1	50 x 70	7500
S4002423	Steril-Food COM 150	150	70 - 121	1	50 x 70	7500



Austester ST Dry PV-B

Stainless steel internal chamber. Staged vacuum purge. Dry by vacuum. Incorporated steam generator. Water reservoir to supply the chamber. High vapour penetration of porous material. Used in digestive studies, ophthalmology, operating theatres etc. Printer interface. USB adapter for parameters memorization (optional). According to directive: 97/23/CEE equipment under pressure 3.3.

Warranty 1 year.

Reference	Model	Capacity (L)	Temp. (°C)	Pressure (bar)	Size (cm)	Power (W)
S4001726	Austester P 1,5	1,5	105/121 - 134	0,62 - 2	9 x 16	1100
S4001727	Austester ST Dry PV-B 12	12	105 - 134	1/2	20 x 35	1800
S4001734	Austester ST Dry PV-B 18	18	70 - 121	1/2	24,5 x 28	1500
S4001735	Austester ST Dry PV-III 23	23	121 / 134	1/2	24,5 x 28	2300



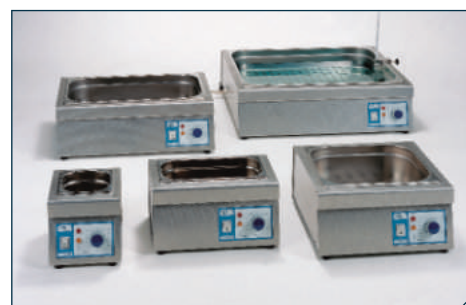
Thermostatic Baths

Precisterm

Extensive range of sizes and accessories. Stainless steel interior and external case. Double skinned tank with an exterior case of AISI 304 stainless steel. Heating elements embedded in INCOLOY heat and corrosion resistant stainless steel.

Warranty 1 year.

Reference	Control	Capacity (L)	Temp. (°C)	Size (cm)	Power (W)
S6000137	analogic	2	110	15 x 15 x 13	390
S6000138	analogic	5	110	15 x 30 x 14	600
S6000140	analogic	12	110	15 x 30 x 30	1100
S6000141	analogic	20	110	15 x 48 x 30	1500
S6000142	analogic	45	110	15 x 62 x 50	2400



Precisbat

Inner vessel made of AISI 304 stainless steel with the external case made of AISI 304 stainless steel. The heater element is embedded in stainless steel INCOLOY alloy, resistant to corrosion and heat. Independent control for each position. Adjustable temperature from +5 to 200°C.

Warranty 1 year.

Reference	Control	Capacity (L)	Temp. (°C)	Size (cm)	Power (W)
S6001462	analogic	2x2	200	12 x 14 x 12	1300
S6001472	analogic	2x4	200	12 x 14 x 12	3560
S6001482	analogic	2x6	200	12 x 14 x 12	3800



Precisdig

Digital control display of temperature and time. Adjustable temperature range from ambient +5 to 99,9 °C. Interior and exterior made from Stainless steel. DIN 12877 standard. Double skinned tank of AISI 304 stainless steel with an external case of AISI 304 stainless steel. Comes complete with drain tap. With or without anti-evaporation folding lid.

Warranty 1 year.

Reference	Control	Capacity (L)	Temp. (°C)	Size (cm)	Power (W)
S6001195	digital	5	99,9	15 x 30 x 14	3200
S6001236	digital	5	99,9	15 x 30 x 14	1100
S6001196	digital	12	99,9	15 x 30 x 30	1100
S6001237	digital	12	99,9	15 x 30 x 30	1400
S6001197	digital	20	99,9	15 x 48 x 30	1500
S6001238	digital	20	99,9	15 x 48 x 30	2100
S6001198	digital	45	99,9	15 x 62 x 50	2400
S6001239	digital	45	99,9	15 x 62 x 50	3800





BE series

Inner tank made of stainless steel AISI 304. Temperature controlled by means of an hydraulic thermostat, for water and oil. Heating resistance embedded made of special alloy of stainless steel, heat and corrosion resistant. Protection IP52. Accessories and spare parts availables.

Warranty 2 year.

Reference	Model	Control	Capacity (L)	Temp. (°C)	Size (cm)	Power (W)
O10000-01101	B105E	analogic	5	120*	30 x 15 x 13	600
O10000-01102	B112E	analogic	12	120*	33 x 30 x 13	800
O10000-01103	B120E	analogic	20	120*	50 x 30 x 13	1600
O10000-01104	B145E	analogic	45	120*	62 x 50 x 13	3200

*Also available with a maximum temperature of 210°C



Thermostatic bath BDE series

Stainless Steel interior chamber made out of one single piece of welds, inside an exterior metallic structure covered with epoxy. Digital selection of parameters. Hermetically sealed membrane keyboard Lid with holes (11 cm) and reduction rings (8 and 5 cm) included

Warranty 2 year.

Reference	Model	Control	Capacity (L)	Temp. (°C)	Size (cm)	Power (W)
O10000-01109	B105	digital	5	100	30 x 15 x 13	600
O10000-01110	B112-DE	digital	12	100	33 x 30 x 13	800
O10000-01111	B120-DE	digital	20	100	50 x 30 x 13	1600
O10000-01112	B145-DE	digital	45	100	62 x 50 x 13	3200
O10000-01120	B205-DE	digital	5	200	30 x 15 x 13	600
O10000-01121	B212-DE	digital	12	200	33 x 30 x 13	800
O10000-01122	B220-DE	digital	20	200	50 x 30 x 13	600
O10000-01123	B245-DE	digital	45	200	53 x 33 x 30	1600



Ultrasons-H/HD

Heating cleaning bath. Digital electronic regulation of temperature and time from +5 to 80 °C. Increase/decrease time push button in minutes (from 0' to 60'). Increase/decrease temperature push button in °C. Double body container, completely made of stainless steel and with waste drain device.

Warranty 1 year.

Reference	Heating	Control	Max. Temp. (°C)	Capacity (L)	H. x L. x D. (cm)	Power (W)
S3000839	yes	digital	75	9	15 x 50 x 14	800
S3000865	yes	digital	80	5	15 x 24 x 14	75
S3000866	yes	digital	80	6	15 x 30 x 15	75
S3000867	yes	digital	80	10	15 x 30 x 24	225



Ultrasons

Digital ultrasonic cleaning baths. Timer switch for 0 -15 minutes or continuous operation. Indicator lamp when the unit is in operation. Internal tank made from stainless steel, with minimum and maximum level indicator. External case, basket and lid made from PVC. Maximum cleaning power, frequency 42 KHz.

Warranty 1 year.

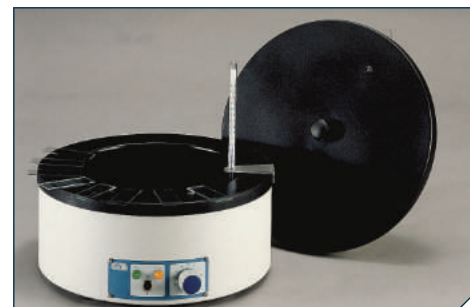
Reference	Heating	Control	Max. Temp. (°C)	Capacity (L)	H. x L. x D. (cm)	Power (W)
S3000513	no	analogic	—	6	15 x 30 x 14	150
S3000514	no	analogic	—	9	15 x 30 x 23	200
S3000617	no	analogic	—	9	15 x 50 x 14	200
S3000683	no	analogic	—	2,6	9 x 23 x 13	100
S3000837	no	analogic	—	6,5	14 x Ø 24	150
S3001208	no	analogic	—	4	10 x 30 x 14	100
S5900650	no	digital	—	1,4	6 x 13 x 16	70

Termofin

Histology paraffin section mounting bath adjustable temperature from 40 to 80°C. Suitable for the fusion and preservation of paraffin wax in a liquid state that enables the user to see the floated sections. Aluminium inner tank and lid with a P.T.F.E. matt black coating. Thermometer location hole in the lid to read temperature. Hydraulic temperature thermostat regulator synchronised with an indicator lamp. Weight 2,3 Kg.

Warranty 1 year.

Reference	Control	Max. Temp. (°C)	Capacity (L)	Power (W)
S3000459	analogic	40-80	4	430



605

Equipment with high functional material and easy to use. Wide panel control. The thermostatic chamber permit the separation and subsequent application on the microscope slides. Wide thermal limit to get an excellent drying on the preparation. Dimensions 340x350x105 mm. Weight 4,5 Kg.

Warranty 1 year.

Reference	Control	Max. Temp. (°C)	Capacity (L)	Power (W)
AZFP008	digital	Tamb +5-90	2	550

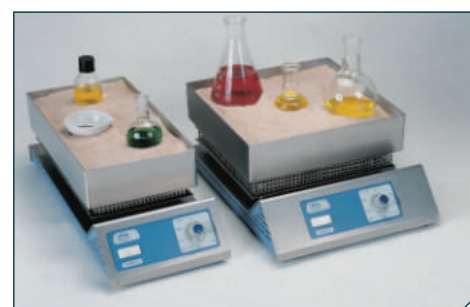


Combiplac-Sand

Adjustable plate temperature up to 400 °C. Electronic energy heater controller. The steel hotplate surface has an evenly distributed heater element providing homogeneous heat distribution. The non warping AISI 304 stainless steel sand bath can be easily removed for cleaning. The Hotplate can be used independently without the sand bath. Hotplate casing is made of AISI 304 stainless steel. Dimensions 180x220x410 mm. Weight 13Kg.

Warranty 1 year.

Reference	Control	Max. Temp. (°C)	Power (W)	Plate size (cm)
S6000708	analog	400	2300	18 x 38
S6000709	analog	400	2800	30 x 30



SB400E

Temperature controlled by microprocessor, with internal PT100 sensor. Digital LCD display. Display indication of high temperature on the surface, that provides protection against burn. Heating resistance distributed homogeneously for a uniform heating of the whole contact surface. Automatic restart after unexpected shut down.

Dimensions 360x460x180 mm. Weight 7,5 Kg.

Warranty 2 years.

Reference	Control	Plate size (cm)	Power (W)	Max. Temp. (°C)
O10000-01119	digital	32 x 32	1500	400



Unitronic Reciprocating

Precise reciprocal shaking baths controlled by microprocessor with refrigeration DIN 12877 standard. Microprocessor control with digital display and push button temperature, speed and time selection.

Dimensions 300x740x40,5 mm. Weight 25 Kg.

Warranty 1 year.

Reference	Model	Capacity (L)	Air Temp. (°C)	H x L x W (cm)	Power (W)
S6032011	Unitronic Reciprocating (10-100 rpm)	27	+5 - 99,9	18x48x29	1500
S6001173	Unitronic Reciprocating-C refrigerated bath (10-100 rpm)	27	+5 - 99,9	18x48x30	1750





Thermostatized bath BSE

Mobile inner tank made of stainless steel AISI 304, with horizontal shaking. Temperature controlled by microprocessor. Digital Display LCD. Double safety thermostat. Indication on the display of high temperature on the tank, that provides protection against burn. Automatic restart after unexpected shut down. Mains switch ON/OFF protected against splashes. Water drainage faucet and handles for an easy transport.

Warranty 2 year.

Reference	Model	Capacity (L)	Air Temp.(°C)	H x L x W (cm)	Power (W)
O10000-01114	BS127E thermostalized bath (200-1200 rpm)	20	+5 - 100	35 x 26 x 17	1600
O10000-01132	BS145E (10-100 rpm)	45	+5 - 100	49 x 45 x 17	3200



Agibat-20

Water bath with inner stirring. Digital control and display of temperature and time. Adjustable temperature range from ambient +5 to 80°C. Stability $\pm 0.1^\circ\text{C}$. Temperature accuracy $\pm 1^\circ\text{C}$. Working temperature precision 0.1°C . Double skinned tank, inner case made of AISI 304 stainless steel. External case of AISI 304 steel. Submerged heating elements in INCOLOY special alloy.

Warranty 1 year.

Reference	Model	Capacity (L)	Air Temp.(°C)	H x L x W (cm)	Power (W)
S6032012	Agibat-20 with Macrolon® lid	20	+5 - 80	15 x 48 x 30	2010
S6002013	Agibat-20	20	+5 - 80	15 x 48 x 30	2010



Thermostat OvanTherm BHMxE

Multistirrer MultiMix D MM50 or MM90 and stainless steel tank of 20L. Temperature controlled by microprocessor. Temperature adjustable at the immersion thermostat, and stirring speed adjustable for each place individually. Pump for homogeneization. Digital Display LCD. Double safety thermostat. Indication on the display of high temperature on the tank, that provides protection against burn. P52. Accessories and spare parts availables.

Dimensions 360x650x360 mm. Weight 18 Kg.

Warranty 2 year.

Reference	Model	Capacity (L)	Air Temp.(°C)	H x L x W (cm)	Power (W)
O10000-01130	BHM5E	20	+5 - 100	36 x 38 x 15	1600
O10000-01128	BHM9E	20	+5 - 100	36 x 38 x 15	1600

Analytical Balances

XA.4Y

An integrated antistatic ionizer is implemented in XA 4Y balances. Innovative 2-point adjustment system. CPU Dual Core 2 x 1 GHz processor which delivers noticeable performance improvements including faster operation and shorter stabilization time retaining high repeatability values. 8 GB RAM. Ergonomic and safe. With remote control operation.

Warranty 2 years.

Reference	Max capacity (g)	Readability (mg)	Plate (Ø mm)
RWXA52.4Y	52	0,01	85
RWXA110.4Y	110	0,01	85
RWXA210.4Y	210	0,01	85
RWXA82/220.4Y	82/220	0,01/0,1	85
RWXA120/250.4Y	120/250	0,01/0,1	85
RWXA220.4Y	220	0,1	100
RWXA310.4Y	310	0,1	100



XA.4Y.A

For fast and precise mass determination of weighed objects with application of a modern terminal PUE7 series. Parts counting, labelling and formula making processes are allowed. Universal software implemented in the terminal. Interfaces RS232, USB and Ethernet. WLY balance enables quick searching of a product by means of a connected barcode scanner. The terminal can cooperate with a computer software "LABEL EDITOR", which communicates with the scale either through RS 232 interface or through ETHERNET.

Warranty 2 years.

Reference	Max capacity (g)	Readability (mg)	Plate (Ø mm)
RWXA220.4Y	52	0,01	85
RWXA310.4Y	110	0,01	85
RWXA210.4Y.A	210	0,01	85
RWXA82/220.4Y.A	82/220	0,01/0,1	85
RWXA120/250.4Y.A	120/250	0,01/0,1	85
RWXA220.4Y.A	220	0,1	100
RWXA310.4Y.A	310	0,1	100



AS.3Y

Monitored by a LevelSENSING system. Online monitoring of ambient conditions by means of either internal sensors or external ambient conditions module THB. Large weighing chamber protected by an anti-draft shield against ambient conditions impact. The draft-shield also ensures cleanness and sterility of weighing chamber interior. Packaging dimensions 600×400×540 mm. Weight 11 kg

Warranty 2 years.

Reference	Max capacity (g)	Readability (mg)	Plate (Ø mm)
RWAS220.3Y	220	0,1	85
RWAS310.3Y	310	0,1	85
RWAS510.3Y	510	0,1	85



AS.X2/R2

Easy of operation, clear menu and practical arrangement of the display. A wide array of available interfaces facilitate selection of the most optimal means for communication. Unlimited possibilities for cooperation with external devices, providing printing, copying, archiving and data transfer. Information system based on 7 databases. ALIBI Memory. Personalization taken to the next level. The X2 is the only balance available on the market that provides a user with the option to design display using wide selection of widgets. Customised display. USB interface facilitates quick transfer and copying of any results of your work. Network management of the weighing data increases effectivity, productivity and safety of the important data to the maximum.

Warranty 2 years.

Reference Model AS.X2	Reference Model AS.R2	Max capacity (g)	Readability (mg)	Plate (Ø mm)
RWAS60/220.X2	RWAS60/220.R2	60/220	0,01/0,1	70
RWAS82/220.X2	RWAS82/220.R2	82/220	0,01/0,1	70
RWAS220.X2	RWAS220.R2	220	0,1	85
RWAS310.X2	RWAS310.R2	310	0,1	85



Precision Balances

WLY series

For fast and precise mass determination of weighed objects with application of a modern terminal PUE7 series. Parts counting, labelling and formula making processes are allowed. Universal software implemented in the terminal. Interfaces RS232, USB and Ethernet. WLY balance enables quick searching of a product by means of a connected barcode scanner. The terminal can cooperate with a computer software "LABEL EDITOR", and the software communicates with the scale either through RS 232 interface or through ETHERNET. **Warranty 2 years.**

Reference	Max capacity (Kg)	Readability (mg)	Plate (Ø mm)
RWWLY6/D2	6	0,1	195 x 195
RWWLY6/F1/R	6	0,1	300 x 300
RWWLY6/F1/K	6	0,1	300 x 300
RWWLY60/C2/R	60	1	500 x 400
RWWLY60/C2/K	60	1	500 x 400

X2/R2 series

Unlimited possibilities for cooperation with external devices. Built-in IR sensors allow numerous operations. Plastic housing and stainless steel pan. ALIBI Memory. Customised display. USB interface. Dimensions 470×380×336 mm.

Warranty 2 years.

model PS.X2	model PS.R2	Max. Cap. (g)	Readability (g)	Plate (mm)
PS200/2000.X2	RWPS200/2000.R2	200/2000	0,001 / 0,01	128×128
PS210.X2	RWPS210.R2	210	0,001	128×128
PS360.X2	RWPS360.R2	360	0,001	128×128
PS600.X2	RWPS600.R2	600	0,001	128×128
PS750.X2	RWPS750.R2	750	0,001	128×128
PS1000.X2	RWPS1000.R2	1010	0,001	128×128
PS1200.X2	RWPS1200.R2	1200	0,01	195×195
PS2100.X2	RWPS2100.R2	2100	0,01	195×195
PS3500.X2	RWPS3500.R2	3500	0,01	195×195
PS4500.X2	RWPS4500.R2	4500	0,01	195×195
PS6000.X2	RWPS6000.R2	6000	0,01	195×195
PS6001.X2	RWPS6001.R2	6000	0,1	195×195

WLC/WLC C/2 series

Designed for fast and precise mass determination in laboratory and industry. The devices are equipped with RS232 connector and an internal battery which allows their operation in places where there is no access to the mains (230V). The balance features a stainless steel weighing pan, and a backlit LCD guaranteeing clear weighing result presentation. Optionally, they can be equipped with additional RS232 connector. CE certified. Packaging dimension 570×390×170 mm IP43.

Warranty 2 years.

Reference Model WLC	Reference Model WLC C/2	Max cap. (Kg)	Readability (mg)	Plate (Ø mm)
RWWLC0.6/A1	RWWLC0.6/A1/C/2	0,6	0,01	128 x 128
RWWLC6/A2	RWWLC6/A2/C/2	6	0,1	195 x 195
RWWLC6/F1/R	—	6	0,1	300 x 300
RWWLC60/C2/R	—	60	1	400 x 500
RWWLC60/C2/K	—	60	1	400 x 500



Moisture Analyzer

3Y series

Database contains programmable drying modes. The MA 3Y series enables printing and exporting charts presented on its display to a BMP file. Customization of instrument's settings thanks to extended user profiles. The balance level is monitored by Level SENSING system, a RADWAG patented solution, which uses a system of an electronic level. Standard and user defined printouts allow for maintaining documentation complying with GLP/GMP requirements practically in any organization. Packaging dimensions 595×395×420 mm.

Warranty 2 years.

Reference	IR	Max temp (°C)	Max cap. (g)	Readability (mg)
RWMA60.3Y	X	160	60	0,1
RWMA200.3Y	X	160	200	1

Available with halogen lamp with metal resistance and maximum temperature of 250°C



R series

Equipped with a brand new readable LCD display providing an extra text line for information such as supplementary messages and data, e.g. product name or tare value. The moisture analyzer, using respective pictograms, signalizes currently activated mode, computer connection and functions, both balance and service ones. Interfaces: RS232, USB type A, USB type B and Wireless Connection as an option.

Warranty 2 years.

Reference	IR	Max temp (°C)	Max cap. (g)	Readability (mg)
RWMA50/1.R	—	160	50	0,1
RWMA50.R	—	160	50	1
RWMA110.R	—	160	110	1
RWMA210.R	—	160	210	1

Available with halogen lamp with a maximum temperature of 250°C



Vacuum Pump Membrane

MV50

For vacuum filtration, distillation and drying. Rotating evaporators. Gas extraction and transport. Constructed in aluminium. Membrane of polifluoropreno, resistant to the corrosion. Refrigeration system that allows a continuous operation of 24 hours.

Warranty 1 year.

Reference	Vacuum flow	Vacuum limit	Max. pressure (bar)	H. x L. x D. (cm)	Power (W)
S5910100	1,8 m³/h	200 mbar	2	23,5 x 16 x 21	160



Vacuum-Sel

Small footprint, bench top. Quiet and vibration free. Maximum working temperature: 40 °C. Mains power switch. Vacuum gauge, scale 0 to -1 bar. Vacuum in. Air out.

Warranty 1 year.

Reference	Vacuum flow	Vacuum limit	(bar) Max. pressure	H. x L. x D. (cm)	Power (W)
S3001001	1,08 l/min	-0,6 bar	-	19 x 14 x 19	35





Pres

Quiet and vibration free, with control for pressure/vacuum system and a maximum working temperature of 40 °C. Vacuum gauge, scale 0 to -1 bar. Pressure gauge, scale 0 to 2.5 bar. Pump Rate Vacuum limit Height / Width / Depth Power Weight litres/min. (exterior) cm W Kg 3001001 1.08 -0.6 bar ≈ 440 mm Hg 19 14 19 35 3.

Warranty 1 year.

Reference	Vacuum flow	Vacuum limit	(bar) Max. pressure	H. x L. x D. (cm)	Power (W)
S3001002	1,08 l/min	-0,6 bar	1,2	19 x 14 x 19	35



N-86



N-022

N Series

Transfer, evacuation and compression, free from contamination. The models N-86 and N-022 of 2.5 and 4 bar of relative pressure, can be used also as a compressor. Can be operated dry. No lubrication required. Maintenance free. Silent. The double head models are made with linear two phase membranes. All Models (except model N-022), are made with a patented system of diaphragms manufactured with optimum tension, that results in a smaller and more durable pump. Approximate loss 6 x 10-3 mbar x L/s. Complete with thermal breaker and fuse. Medium to high resistance to chemicals, (model dependant).

Warranty 1 year.

Reference	Model	Vacuum flow	Vacuum limit	(bar) Max. pressure	H. x L. x D. (cm)	Power (W)
S5910106	N-86	5,5 l/min	160 mbar	2,5	14 x 9 x 17	65
S5910107	N-022	13 l/min	100 mbar	4	19 x 15 x 20	100
S5910108	N-816	16 l/min	20 mbar	0,5	14 x 9 x 36	100
S5910109	N-820	20 l/min	8 mbar	1	21 x 15 x 31	120
S5910110	N840	34 l/min	8 mbar	1	23 x 17 x 34	245
LG6080038	N 810 FT.18	0,6 l/min	100 mbar	1	25,6 x 18,7 x 14,6	100
LG9880510	N 86	0,36 l/min	100 mbar	2,4	16,4 x 14,1x 9	60



N-86



Graduated beaker



Funnel



Clamp

YOU MAY ALSO LIKE:

Normax Filtration Set (ref. 9060001)

Includes:

→ **Graduated beaker** (ref. 9060027)

→ **Funnel** (ref. 9060028)

→ **Clamp** (ref. 6507003)

Vacuum Pump Rotary



Rotary series

Rotary vein pump with anti return valve prevents oil flow back, suitable for general laboratory applications. Over temperature motor protection cut-out and main on/off switch features. Aspiration connection 16 mm Ø in model 5900620 and 16 mm Ø in model 5900621. Analogue vacuum gauge. High oil volume and forced lubrication. Oil reservoir charge capacity: 25 cc in model 5900620 and 55 cc in model 5900621. Exhaust filter and ballast. Shock absorber mounted. Low noise level (62db) Maximum working temperature 60 °C. Portable with lifting handle.

Warranty 1 year.

Reference	Vacuum flow	Vacuum limit (mbar)	H. x L. x D. (cm)	Power (W)
S5900620	3,6 m³/h	0,1	21 x 26,5 x 12	120
S5900621	1,8 m³/h	0,06	25 x 32x 13	180

Peristaltic Pump

Percom N-M

Electronic speed control with digital display with multihead adapter for tubes from 4 to 12 mm Ø. Maximum wall thickness 1,5 mm. Adjustable flow rates from 1080 to 73800 ml/hr. Small footprint bench top model Quiet with minimal vibrations. Speed control 20 to 200 r.p.m. Stop/Start switch. Digital speed display. Increase/decrease speed control. External control connection using a foot switch for Start / Stop, supplied as an accessory.

Warranty 1 year.

Reference	Model	Pump rate of H ₂ O (ml/h)	H. x L. x D. (cm)	Power (W)
S3001300	Percom N-M	1080 to 73800	16 x 12 x 18	12



PR-2003

Electronic speed control with digital display with multihead adapter for tubes from 4 to 12 mm Ø. Maximum wall thickness 1,6mm. Adjustable dosing rate programmable from 10 ml to 10 litres. Maximum pump rate 1500 ml / minute. Small foot print, bench top. Silent and free from vibrations. Pump tube held by a simple clamp Glass dosing tip "PECIPUMP" provides precise dispensing. Dispense rate: the pump can dispense set volumes over a set time period, at a constant rate over a set time or continuous operation. Start - Stop foot switch, for operation from a distance, supplied as an accessory.

Warranty 1 year.

Reference	Model	Pump rate of H ₂ O (ml/h)	H. x L. x D. (cm)	Power (W)
S4129050	Peristaltic PR-2003	10 to 10000	25 x 19 x 23	65



Vertical laminar flow Cabinet

FL-model

ISO Class 5 air purity . HEPA H-14 filter 99.995% for particles of 0.3 µm, and a 15W UV germicide lamp. Designed to decontaminate the hood before and after each use. In compliance with the EN-1822, DIN-24184, US St-209, ISO-14644, EN-ISO 90001:2000. It includes new important technical features in order to satisfy the operator in his everyday task and his protection at work, taking care of the environment as well.

Warranty up to 7 years.

Reference	Model	N° filters	N° Fans	Air velocity (m/s)	H. x L. x D. internal (cm)	H. x L. x D. external (cm)
CR670FL	670FL	1	1	0,45	63 x 57,5 x 56	93 x 60 x 60
CR870FL	870FL	1	1	0,45	74 x 77,5 x 56	112,5 x 80 x 60



FL-model Plug & Play

In the FL models, the air flow passes through a HEPA H-14 filter (made pursuant to EN-1822) at constant speed, travelling vertically through the cabinet in a laminar flow and producing a Class 100 sterile area (in accordance with AF standards 209E, corresponding to ISO class 5) to protect the sample from external contamination. Cross contamination between the samples is prevented as well. The filter system has an efficiency of at least 99.995% for particles from 0.3 µm, as well an extraction rate of 100%.

Application: Manipulations which require sample protection to avoid contamination.

Warranty 7 years

Reference	Model	N° filters	N° Fans	Air velocity (m/s)	H. x L. x D. internal (cm)	H. x L. x D. external (cm)
CRFL-1	FL-1	1	1	0,45	61 x 71 x 55,6	113,7 x 80 x 60
CRFL-2	FL-2	1	1	0,45	61 x 111 x 55,6	113,7 x 120 x 60



Horizontal laminar flow Cabinet



HZ-model, horizontal

Class ISO 5 (former class 100). Polyurethane fiber G-4 prefilter. H-14 HEPA filter. Parenteral bags reconstruction, assisted reproductive technologies, micropropagation, plant cell cultures, food and water quality control, dust protection in optics and electronics industry. The surface of the working chamber is in stainless steel AISI 304 2B. Acrylic transparent side walls, Absolute HEPA H-14 filter with flow equalizer, efficiency greater than 99.995% on 0.3 micron particles. Filter is in accordance with EN-779:1996 and EN-1822:1998. Centrifugal double suction, suitable to provide laminar flow in the workspace. Control panel with soft-touch keyboard and switch for LED and optional UV lamps; the air speed is kept at a constant rate thanks to the HEPA filter which is electronically self-regulated, electronic control air speed and control key to slow it down. Filter life timer.

Warranty 7 years.

Reference	Model	N° filters	N° Fans	air velocity (m/s)	H. x L. x D. internal (cm)	H. x L. x D. external (cm)
CRHZ1	HZ-1	1	1	0,40	63,3 x 60 x 76,9	97,7 x 77 x 89,5
CRHZ2	HZ-2	1	2	0,40	63,3 x 60 x 116,9	97,7 x 77 x 129,5
CRPCR	PCR	1	—	—	57,5 x 56,5 x 60,5	60 x 60 x 77,5

Biosafety Cabinet



Safety cabinet

CLASS II Type A2 (EN 12469:2000) with digital functions. Complete integrity by close control of the airflow. HEPA filter. UV and LED light. Microprocessor controlled motor blower (LCD) with volumetric sensor for exhausted air flow monitoring. Large screen monitor. Automatic control of preset airflow volumes. Sliding sash window with smart control. Multilevel alarms, with redundancy functions. Highest air flow stability both in case of transitional disturbances or to progressive filter clogging. Semi-automatic fumigation cycle (EN12297 tested and certified). Continuous monitoring of front barrier air flow for the highest operator safety - Low barrier alarm - Power failure alarm.

Warranty 2 years.

Reference	Model	N° filters	N° Fans	air velocity (m/s)	H. x L. x D. internal (cm)	H. x L. x D. external (cm)
CRBIO1	BIO-1	2	1	0,5	70 x 92,4 x 60	145 x 107,4 x 84
CRBIO2	BIO-2	2	1	0,5	70 x 123 x 60	145 x 138 x 84

Centrifuge



Centrolit II-BL

Electronic control with digital display of speed and time, with acceleration and brake ramp. Timer controllable from 1' to 60' or continuous operation. Rubber suspended motor that guarantees a smooth operation. Digital speed display. Pulse button, that drives the motor while pressed. Automatic stop if out of balance, with indicator light.

Suction base supports that adhere to the work bench surface. Quiet operation, insulated interior that absorbs noise and vibrations. In the case of mains failure, manual open override aperture. Noise level 50-60dBA. Rotors and buckets with laser identification. Autoclavable.

Warranty 1 year

Reference	Model	Max Volume (ml)	Tubes capacity (ml)	RPM (max)	H. x L. x D. (cm)	Power (W)
S7002357	Centrolit II-BL	27	18 x 1,5 a 2,2	Angular 1200	20 x 28 x 34	200
S7002240	Cencom II	90	6 x 15	Angular 4000	28 x Ø26	80

Mixtasel-BLT

Rotors, buckets and adapters are identified with an inalterable engraved laser code. Air circulation system, to limit any excessive rise in temperature within the centrifuge, all air circulated within the chamber is channelled out of the back and is not re-circulated, this means that the centrifuges internal temperature will remain low and constant.

Warranty 1 year.

Reference	Max Volume (ml)	Tubes capacity (ml)	RPM (max)	H. x L. x D. (cm)	Power (W)
S7002576	400	4 x 100	Swingout head 4200, Angular 4200	29 x 39 x 44	210



BLT-II

High speed centrifuges with microprocessor control. Versatile. Large range of rotors and adapters. Maintenance free induction motor drive. External case of DURAL alloy with ABS plastic coated front AISI 304 stainless. The rotor being used limits the actual temperature in the chamber due to the speed and ambient temperature. Internal temperature indicated on the LCD display. Steel bowl.

Warranty 1 year.

Reference	Model	Max. volume	Tubes capacity (ml)	RPM (max)	H. x L. x D. (cm)	Power (W)
S7001768	Centronic BLT-II	400 ml	4 x 100	Swingout head 5000, Angular 12000	34 x 41 x 54	440
S7001769	Centrifriger BLT-II	400 ml	4 x 100	Swingout head 5000, Angular 12000	34 x 41 x 71	960



Centrifuge BTL-S

High speed centrifuges with microprocessor control "Meditronic-BLT" and "Medifriger-BLT". Capacity up to 800 ml. Maintenance free induction motor drive. External case made of DURAL alloy with an AISI 304 stainless steel bowl.

Warranty 1 year.

Reference	Model	Max Volume (ml)	Tubes capacity (ml)	RPM (max)	H. x L. x D. (cm)	Power (W)
S7001476	Meditronic-BLT-S	800	4 x 200	Swingout head 5000, Angular 15000	38 x 46 x 52	520
S7001477	Medifriger-BLT-S	800	4 x 300	Swingout head 5000, Angular 15000	38 x 68 x 52	1230



Macrotronic-BLT

Microprocessor controlled. Multi-capability. Capacity from 1.5/2.2 ml vials up to tubes of 500 ml and 500ml blood bags. Maintenance free induction motor drive. External case made of DURAL alloy with an AISI 304 stainless steel bowl.

Warranty 1 year.

Reference	Model	Max Volume (ml)	Tubes capacity (ml)	RPM (max)	H. x L. x D. (cm)	Power (W)
S7001485	Macrotronic-BLT	2000	4 x 500	Swingout head 5000, Angular 12000	45 x 60 x 66	720



YOU MAY ALSO LIKE:

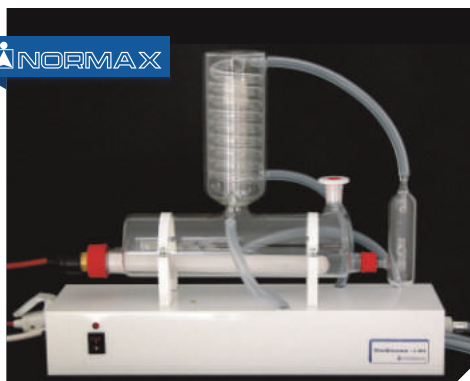
→ **Conical bottom tube 15ml** (Centrifuge resistance 11000 xg) (ref. NX20015)

→ **Conical bottom tube 50ml** (Centrifuge resistance 11000 xg) (ref. NX20053)



Water Still

NORMAX



Destilnorma L304

Distillation capacity 4 litres/hours. Tank made from glass and heating element made from quartz. External case made from epoxy covered steel. Easily dismantled for cleaning and service. All seals made from silicon. In the case of over temperature or low water supply, a safety thermostat cuts power to the heater. Water supply tube Ø 10 to 11 mm. Distilled water tube connection Ø 12 mm. Voltage: 230 V / 50/60 Hz.

Warranty 2 years.

Reference	Capacity	Water Consumption	Water Temp. (°C)	Conductivity (µS/cm)	H. x L. x D. (cm)	Power (W)
520	4 L/h	60 L/h	25 - 30	1 - 5	46 x 60 x 17,5	2600



AC-L Series

Distillation capacity 3.5 and 8 litres/hours. Tank and heating element made from stainless steel. External case made from epoxy covered steel. Easily dismantled for cleaning and service. All seals made from silicon. In the case of over temperature or low water supply, a safety thermostat cuts power to the heater. Water supply tube Ø 10 to 11 mm. Distilled water tube connection Ø 12 mm. Voltage: 230 V / 50/60 Hz. Safety switch thermostat with rearm system.

Warranty 1 year.

Reference	Model	Capacity	Water Consumption	Conductivity (µS/cm)	H. x L. x D. (cm)	Power (W)
S4903007	AC-L4	4 L/h	30 L/h	1,5	44 x 37 x 22	3000
S4903008	AC-L8	8 L/h	80 L/h	1,5	64 x 37 x 26	6000



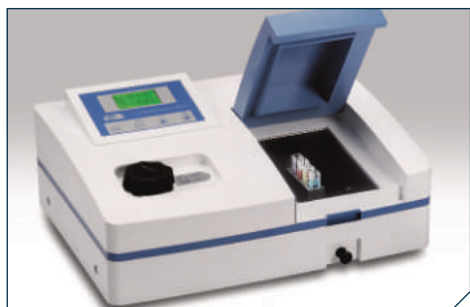
L-4 Cabinet

Desktop model with device to hang it on the wall. Continuous production of high purity distilled water free of dissolved gases, metals, salts and pyrogens. Easy to dismantle for a complete cleaning. Automatic operation. Totally automatic operation. Disconnection when the distilled water tank is full. Reconnection when emptied. Automatic operation of the distiller. Double safety system: 1. By a thermostat that turns the heater off in case of lack of water supply. 2. Water level device that avoids the computer to function until the heating element is covered with water.

Warranty 1 year.

Reference	Model	Capacity	Water Consumption	Conductivity (µS/cm)	H. x L. x D. (cm)	Power (W)
S4903010	L-4B	4 L/h	78 L/h	1	46 x 66 x 50	6000

Spectrophotometer



V-1100

High quality silicon photometric diode detector and 1200 lines/mm diffraction grating ensure the high quality accuracy and precision. Digital display for an easy readout. Large sample compartment, which can accommodate 5 to 100mm path length cuvettes with optional holders. Its pre-aligned design makes it possible to change the halogen lamps by the user himself.

Warranty 1 year.

Reference	Feature	Wavelength adjustment	Wavelength range (nm)	Wavelength accuracy(nm)	Photometric Accuracy (%T)
S4120025	visible	manual	325-1000	± 2	± 0,3

VR-2000

Same features as V1100, plus a large LCD screen (128x64bits). It can display a total of 50 groups of data (3 groups per screen). It can display standard curve and kinetics curve graphic. The system can also save the test results. A total of 50 data groups and 10 standard curves can be saved in the RAM memory. At most 9 standard samples can be used to establish a standard curve.

Warranty 1 year.

Reference	Feature	Wavelength adjustment	Wavelength range (nm)	Wavelength accuracy(nm)	Photometric Accuracy (%T)
S4120026	visible	automatic	325-1000	± 1	± 0,5



UV series

High quality silicon photometric diode detector and 1200 lines/mm diffraction grating ensure the high quality accuracy and precision.

They are widely used in colleges and enterprises for general quantitatives analysis and experiments based in absorbance measurements.

Warranty 1 year.

Reference	Model	Feature	Wavelength range (nm)	Wavelength accuracy(nm)	Photometric Accuracy (%T)
S4120020	UV-2005	ultraviolet-visible	190-1100	± 0,5	± 0,3
S4120021	UV-3100	ultraviolet-visible	190-1100	± 0,5	± 0,3



4201/50 model

Digital adjustment of wavelength. High quality silicon photometric diode detector and 1200 lines/mm grating ensure the high accuracy and precision. LCD display. Data can be restored after a sudden power cut. Tungsten and deuterium lamp can be turned individually to extend lifetime. Large sample compartment. Pre-aligned design ensures the user to change lamp conveniently.

Warranty 2 years.

Reference	Feature	Wavelength positioning	Wavelength range (nm)	Wavelength accuracy(nm)	Photometric Accuracy (%T)
AHJD001	ultraviolet	automatic	200-1000	± 2	± 0,5



Ovens

Conterm

Temperature thermostat control with analogue thermometer. Temperature from 40 °C up to 250 °C. Stability: ±0.3 °C UP TO 150 °C. Homogeneity: ±3,25 °C UP TO 150 °C. Standard EN.61010.

Incorporated fixed over temperature device. Standard DIN 12880. (CLASS 2 AND 3.1) Safety thermostat controller fitted. Features, control panel safety.

Warranty 1 year.

Reference	Temperature (°C)	Capacity (L)	H. x L. x D. Usable (cm)	Power (W)
S2000208	40-250	19	30 x 25 x 25	640
S2000209	40-250	36	40 x 30 x 30	950
S2000200	40-250	52	33 x 47 x 33	1075
S2000210	40-250	80	50 x 40 x 40	1230
S2000201	40-250	150	50 x 60 x 50	2150





Dryglass

Fan assisted air circulation. Adjustable temperature from 40°C TO 170 °C. Hydraulic thermostat for temperature control. Air circulation by turbo fan. Inner chamber made of AISI 304 stainless steel with shelf runners. Removable tempered glass sliding doors. Ventilation port for steam. Epoxy coated external case. Dual heating power selector switch. Mains indicator lamp. Hydraulic thermostat for temperature control. Locking system of thermostat knob. Heater "ON" operation indicator lamp. Analogue thermometer. Adjustable over temperature safety thermostat, that cuts off the power if the control thermostat fails, manual reset with "on" indicator lamp.

Warranty 1 year.

Reference	Temperature (°C)	Capacity (L)	H. x L. x D. Usable (cm)	Power (W)
S2000381	40 - 170	126	45 x 70 x 40	3000



631/632 series

Drying ovens used in research laboratories, hospitals and industry for sample drying and disinfecting materials, and other applications. Door with double glazed window for external control, no temperature variations. Supplied with trays (2 units, height adjustable), which provides great flexibility of use allowing to introduce bottles and containers of different sizes. Air circulation system by natural convection (631 Serie plus) or forced air with switch air circulation (632 serie plus). Control panel with keyboard and digital display. Adjustable legs for easy installation. Protection system overheat with visual and audible alarm.

Warranty 2 years

Reference	Model	Ambient Temp. (°C)	Capacity (L)	H. x L. x D. usable (cm)	Power (W)
AJBD001	631/30 plus	+5 - 250	30	31 x 31 x 31	300
AJBD002	631/45 plus	+5 - 250	45	35 x 35 x 35	300
AJBD003	631/65 plus	+5 - 250	65	40 x 36 x 45	400
AJBD004	631/125 plus	+5 - 250	125	50 x 45 x 55	400
AJBD005*	632/30 plus	+5 - 250	30	31 x 31 x 31	300
AJBD006*	632/45 plus	+5 - 250	45	35 x 35 x 35	300
AJBD007*	632/65 plus	+5 - 250	65	40 x 36 x 45	400
AJBD008*	632/125 plus	+5 - 250	125	50 x 45 x 55	400

*forced air fan circulation



Digiheat-TFT Series

Microprocessor control with TFT touch screen. Adjustable temperature from ambient +5 °C up to 250 °C. Stability: ±0.3 °C, up to 150 °C. Homogeneity: ±3,25 °C, UP TO 150 °C. SET Error: ±2 % of the working temperature resolution: 1 °C. Incorporated fixed over temperature device. Standard DIN 12880. Controllable safety thermostat fitted. Reaches working temperature with minimum delay.

Warranty 1 year.

Reference	Model	Ambient Temp. (°C)	Capacity (L)	H. x L. x D. usable (cm)	Power (W)
S2001251*	Digitheat-TFT	+5 - 250	19	30 x 25 x 25	600
S2001252*	Digitheat-TFT	+5 - 250	36	40 x 30 x 30	900
S2001253*	Digitheat-TFT	+5 - 250	52	33 x 47 x 33	1000
S2001254*	Digitheat-TFT	+5 - 250	80	50 x 40 x 40	1200
S2001255*	Digitheat-TFT	+5 - 250	150	50 x 60 x 50	2100

*natural convection

Vaciotem series

Digital temperature control, electronic vacuum pressure display and timer. USB controllable temperature from 35 °C to 200 °C. Stability ± 1 °C, UP TO 100 °C. Homogeneity ± 3 °C, UP TO 100 °C. Set error ± 2 °C. EN.61010 STANDARD. DIN 12880. Standard adjustable safety thermostat fitted. Digital electronic control of: temperature, vacuum pressure and pre-selected programmable timer. Temperature sensor Pt100 Automatic air inlet at the end of the operation cycle. Heating element placed evenly around the chamber. Chamber made of AISI 304 stainless steel. Trays made of anodised aluminium. Vacuum port with bleed valve. Air valve at the front. Vacuum pump connection at the back. RS-232 Interface output for parameters to a computer, printer or USB adapter.

Warranty 1 year.

Reference	Model	Temp. (°C)	Capacity (L)	H. x L. x D. usable (cm)	Power (W)
S4001489	Vaciotem-T	35 - 200	47	10 ⁻²	34 x 52
S4001490	Vaciotem-TV	35 - 200	47	10 ⁻²	34 x 52



Digitronic-TFT series

Fan assisted circulation. For: bacteriological assays, drying processes and sterilization. Microprocessor control with TFT touch screen. Adjustable temperatures from +5 °C up to 250 °C. Stability: ± 0.3 °C, up to 100 °C. Homogeneity: ± 1 °C, up to 100 °C. Set error: $\pm 2\%$ of the working temperature. Resolution: 1 °C. EN.61012 standard temperature safety cut out fitted. DIN 12880. (CLASS 2 AND 3.1) FITTED. Multipurpose oven. Fast response and recuperation of temperature.

Warranty 1 year.

Reference	Ambient Temp. (°C)	Capacity (L)	H. x L. x D. usable (cm)	Power (W)
S2005163	+5 - 250	33	40 x 28 x 30	1200
S2005164*	+5 - 250	33	40 x 28 x 30	1200
S2005165	+5 - 250	47	33 x 45 x 32	1200
S2005166*	+5 - 250	47	33 x 45 x 32	1200
S2005167	+5 - 250	76	50 x 38 x 40	1600
S2005168*	+5 - 250	76	50 x 38 x 40	1600
S2005169	+5 - 250	145	50 x 58 x 50	2000
S2005170*	+5 - 250	145	50 x 58 x 50	2000



Incubators

Cooled incubator

Forced air circulation. Digital electronic control of temperature and time, adjustable from +5 °C to 65 °C. Stability ± 0.1 °C up to 20 °C. Homogeneity ± 0.5 °C up to 20 °C. Set error ± 2 °C. Resolution 0.1 °C. Epoxy coated external case. Interior AISI304 stainless steel. Door with double glazed glass to maintain internal temperature. Illumination switch with internal fluorescent light. Side port for the introduction of external cables probes and tubes etc. Cooling gas R134a. 4 wheels with brake. Two safety power sockets.

Warranty 1 year.

Reference	Model	Temp. (°C)	Capacity (L)	H. x L. x D. usable (cm)	Power (W)
S2101618	Hotcold S	+5 - 65	160	65 x 50 x 50	400





Cooled incubator

Forced air circulation. Digital electronic control of temperature and time, adjustable from +5 °C to 65 °C. Stability ± 0.1 °C up to 20 °C. Homogeneity ± 0.5 °C up to 20 °C. Set error ± 2 °C. Resolution 0.1 °C. Epoxy coated external case. Interior AISI304 stainless steel. Door with double glazed glass to maintain internal temperature. Illumination switch with internal fluorescent light. Side port for the introduction of external cables probes and tubes. Cooling gas R134a. 4 wheels with brake. Two safety power sockets.

Warranty 1 year.

Reference	Model	Temp. (°C)	Capacity (L)	H. x L. x D. usable (cm)	Power (W)
S2101502	Hotcold A	0 - 50	319	139 x 48 x 45	236
S2101503	Hotcold B	0 - 50	442	126 x 58 x 55	236
S2101504	Hotcold C	0 - 50	600	136 x 58 x 69	351
S2101505	Hotcold UB	-10 - 50	442	126 x 58 x 55	597
S2101506	Hotcold UC	-10 - 50	600	136 x 58 x 69	593
S2101507	Hotcold GL	+5 - 50	600	42 x 35 x 50	950



Incubat series

Temperature thermostat control with analogue thermometer. Adjustable temperature from ambient +5 °C up to 80 °C. Stability: ± 0.1 °C, up to 37 °C. Homogeneity: ± 0.5 °C up to 37 °C Internal glass door. Over temperature cut out incorporated according to the EN.61010 STANDARD. Adjustable safety thermostat DIN 12880. Accessories must be factory installed.

Warranty 1 year.

Reference	Temp. (°C)	Capacity (L)	H. x L. x D. usable (cm)	Power (W)
S2000205	+5 - 80	19	30 x 25 x 25	165
S2000206	+5 - 80	36	40 x 30 x 30	245
S2001615	+5 - 80	52	33 x 47 x 33	275
S2000207	+5 - 80	80	50 x 40 x 40	315
S2000994	+5 - 80	150	50 x 60 x 50	535



Incudigit-TFT series

Digital control and display of temperature and time. Adjustable temperature from ambient +5 °C up to 80 °C. Stability: ± 0.1 °C up to 37 °C. Homogeneity: ± 0.5 °C up to 37 °C. Set error: $\pm 2\%$ of the working temperature. Resolution 0.1 °C internal tempered glass door. Double chamber, minimum risk of sample contamination. Inside without openings and with rounded corners. Over temperature cut out incorporated according to the EN.61010 standard. Adjustable safety thermostat DIN 12880. Accessories must be factory installed.

Warranty 1 year.

Reference	Temp. (°C)	Capacity (L)	H. x L. x D. usable (cm)	Power (W)
S2001256	+5 - 80	19	30 x 25 x 25	150
S2001257	+5 - 80	36	40 x 30 x 30	225
S2001258	+5 - 80	52	33 x 47 x 33	250
S2001259	+5 - 80	80	50 x 40 x 40	300
S2001260	+5 - 80	150	50 x 60 x 50	525



Incubig-TFT series

Digital control and display of temperature and time. Adjustable temperature from ambient +5 °C up to 80 °C. Stability: ± 0.1 °C up to 37 °C. Homogeneity: ± 0.5 °C up to 37 °C. Set error: $\pm 2\%$ of the working temperature. Resolution 0.1 °C internal tempered glass door. Double chamber, minimum risk of sample contamination. Inside without openings and with rounded corners. Easy to clean. Over temperature cut out incorporated according to the EN.61010 standard. Adjustable safety thermostat DIN 12880. Accessories must be factory installed.

Warranty 1 year.

Reference	Temp. (°C)	Capacity (L)	H. x L. x D. usable (cm)	Power (W)
S2000238	+5 - 80	288	80 x 60 x 60	570
S2000239*	+5 - 80	400	100 x 80 x 50	1100
S2000240*	+5 - 80	720	120 x 100 x 60	1600

*2 doors

Prebatem-TFT series

Digital control and display of temperature and time. Adjustable temperature from ambient +5 °C up to 80 °C. Stability: ± 0.1 °C up to 37 °C. Homogeneity: ± 0.5 °C up to 37 °C. Set error: $\pm 2\%$ of the working temperature. Resolution 0.1 °C internal tempered glass door. Double chamber, minimum risk of sample contamination. Inside without openings, with rounded corners. Easy to clean. Over temperature cut out incorporated according to the EN.61010 standard. Adjustable safety thermostat DIN 12880. Accessories must be factory installed.

Warranty 1 year.

Reference	Temp. (°C)	Capacity (L)	H. x L. x D. usable (cm)	Power (W)
S2000963*	+5 - 60	36	40 x 30 x 30	310
S2000964*	+5 - 60	80	50 x 40 x 40	310
S2000965	+5 - 60	150	50 x 60 x 50	310

*forced air fan circulation



Boxcult

Stability: ± 0.25 °C up to 37 °C. Homogeneity: ± 1 °C up to 37 °C. Set error: $\pm 2\%$ of the working temperature. Resolution 0.1 °C. Safety standard EN 61010. Over temperature safety thermostat fitted. Made of transparent methacrylate. AISI 304 stainless steel. The fan convection circulation system ensures an even and rapid recovery of temperature. A 30 mm Ø port at the rear can be used to connect power to apparatus inside the chamber. Supplied as accessories, the removable base allows the Boxcult to be mounted on the "Rotabit" reciprocal / or -bital shaker. The metallic top of the chamber includes the heating elements, air circulation fan and temperature control.

Warranty 1 year.

Reference	Temp. (°C)	Capacity (L)	H. x L. x D. usable (cm)
S3000957*	+5 - 57	110	50 x 47 x 47

*forced air fan circulation



Incubator CO₂

For anaerobic cell and tissue cultures. Microprocessor control with digital display of temperature and CO₂. Adjustable temperatures from ambient +5 °C to 50 °C USB Stability: ± 0.2 °C up to 37 °C. Homogeneity: ± 0.5 °C up to 37 °C. Resolution: 0.1 °C. Alarm Range: from ambient +5 °C to 50 °C Resolution: 0.1 °C. CO₂ Range: from 0 to 20%. Stability: $\pm 0.3\%$. Resolution: 0.1%. RS-232 Interface output for a computer, printer or USB adapter. External dimensions 950x650x730 mm. Weight 110 Kg.

Warranty 1 year.

Reference	Temp. (°C)	Capacity (L)	H. x L. x D. usable (cm)
S4002628	+5 - 50°C	150	65 x 50 x 46



Orbital shaker incubator

Adjustable temperature from ambient +5°C to 60 °C. Model D-2102 refrigerated. Compact unit with brushless motor assembly built-in over an anti-vibration mount and hermetic compressor group with aired condenser in models with refrigeration. Internal platform with multiadapter positions to different accessories, such as: adapters for Erlenmeyer, microtiter plates or universal tray with adjustable tension springs for vessels of different sizes. Widely used in research institutions, universities, epidemiological prevention centres, doping tests, agriculture and molecular biology. Accessories and complements are available.

Warranty 1 year.

Reference	Model	Range of rotation (mm)	Speed (rpm)	Refrigeration (°C)	Timer (h)	Number of platforms
S5312096	D-1102	25	25 - 300	4 - 60	0 - 999	1
S5312097	D-2102	25	25 - 300	4 - 60	0 - 999	1





Orbital shaker incubator

Adjustable temperature from ambient +5°C to 60 °C.

Model 2102 refrigerated. Fan air circulated. Two removable upper trays for high volume Erlenmeyer flasks accommodation in the lower tray. Induction drive motor. Internal platform with multi-adaptor positions for differing accessories, such as: conical flask adapters, microtitre plate holders and universal tray with adjustable tension springs for other non standard sized vessels.

Warranty 1 year.

Reference	Model	Range of rotation (mm)	Speed (rpm)	Refrigeration (°C)	Timer (h)	Number of platforms
S5312094	1102	26	30 - 300	5 - 60	0 - 500	2
S5312095	2102	26	30 - 300	5 - 60	0 - 500	2



PLX-IN

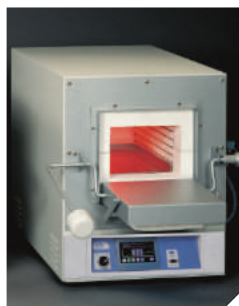
Peltier effect. No compressor group. Quiet, vibrations free, high accuracy and low consumption. For platelet bags "APL-54" shaking, capacity 54 Platelet bags. For regulable for regulable temperatures from 18 °C up to 60 °C. Resolution 0,1 °C. Stability $\pm 0,1$ °C. Homogeneity $\pm 0,5$ °C. set error $\pm 0,3$ °C. Auto shut-off protective device in case of door opening and automatic restart in 30 seconds.

External dimensions 330x60x500 mm. Weight 38kg.

Warranty 1 year.

Reference	Model	Range of rotation (mm)	Speed (rpm)	Refrigeration (°C)	Timer (h)	Number of platforms
S3000958	PLX-IN	40	66	18 - 60	yes	9

Muffles



Muffle

With digital regulation of temperature.

Warranty 1 year.

Reference	model	Capacity (L)	Temp. (°C)	H. x L. x D. Int. (cm)	Power (W)
S2000376	Select-Horn-TFT	3,6	1150	10 x 15 x 24	2500
S2000377	Select-Horn-TFT	9	1150	15 x 20 x 30	3000
S2200851	N - 8 L	8,2	1100	14,5 x 20 x 30	1800
S2000368	R-3L	3	1100	11,5 x 12,5 x 20	1700
S2000369	R-8L	8	1100	13 x 20 x 30	1800

Rotary evaporators



Rotary evaporator

With digital control of temperature. **Warranty 2 years.**

Reference	Model	Capacity (L)	Speed (rpm)	Temp. (°C)
S6003000*	RS 3000-V	3	0 - 120	until 100
S5560011**	Hei-vap value HL	4,5	20 - 280	20 - 210
S5561013**	Hei-vap advantage HL	4,5	20 - 280	20 - 210
PBG007	RS 100 PRO	5	20 - 280	tamb -180
PGB006	RS 100 PRO	5	20 - 280	tamb -180
PGB005	9300	5	10 - 200	tamb -90
PGB004	9200/1	3	10 - 200	tamb -100
PGB003	9200	3	10 - 200	tamb -100
PGB002	503	3	10 - 90	tamb -10
PGB001	500	3	10 - 90	tamb -100

*for flasks: 1000, 2000 and 3000 ml, **Warranty 1 year.**

for flasks: 100, 250, 500, 1000, 2000, 3000 and 5000 ml, **Warranty 1 year.

Homogenizer

X-1000 series / CY-500

Dispersor, ultrasonic

Reference	Model	Ø x stem length(mm)	Volume (ml)	Speed (rpm)	Power (W)
S5059623*	X-1000 10V	10 x 205	1 - 250	4000 - 33000	1050
S5059627*	X-1000 20F	20 x 265	10 - 2000	4000 - 33000	1050
S5059630*	X-1000 30N	30 x 255	30 - 5000	4000 - 33000	1050
S5059600	CY-500 / ultrasonic, frequency 20 khz, 22x19x33 cm				500

*utensils according particle size



Solid Mixers VS-5 and VS-8

Capacity from 5 to 50 KG. For pharmaceutical, chemistry and alimentary industry. For powder, granulated and small concentrated batches that are sent to the production plant after being investigated in laboratory. It has two loading entrances in V and an unloading hole which is protected with isolated covers with silicon gaskets. Engine group with shaking device at a constant speed of 18 rpm. **Warranty 1 year.**

Reference	model	Capacity (L)	Speed (rpm)	H. x L. x D. (cm)	Power (W)
S5810100	VS - 5	5L	18	58x72x37	550
S5810101	VS - 8	8L	18	64x81x37	550



TR-15

For crashing and shearing Industrial design. For a wide range of grinding, solid, fragile, soft and semi-hard products. For pharmaceutical, chemistry and alimentary industry in general. Made of stainless steel AISI 304. Device for different kind of easily changeable sieves. From 0,12 mm Ø to 0,80 mm Ø. It is supplied with a sieve of 0,18 mm Ø. Only suitable for grinding samples with relative humidity below 20%. **Warranty 1 year.**

Reference	Capacity (L)	RPM	H. x L. x D. (cm)	Power (W)
S5810000	10 - 30 Kg/h	4200	70x40x80	2200



Ductless fume hood

Cruma series

The ductless filtration fume hoods included in the Plug&Play range are ideal for eliminating contaminating gas and/or particles/aerosols from the work space simply and efficiently. Safe, efficient and cost-effective, these protect both the user and the environment. Already assembled on delivery (just unpack and plug in) and equipped with a new filtration system, to retain the contaminating gas and fumes generated on the inside thus constantly renewing the air inside the laboratory. **Warranty 7 years.**

Reference	Feature	Model	Volume int. (m³)	Air treated (m³/h)	H. x L. x D. Internal (cm)	H. x L. x D. External (cm)
CR670E-G/S	—	Cruma 670*	0,181	155	63 x 57,5 x 56	93 x 60 x 60
CR870E-G/S	—	Cruma 870*	0,287	175	74 x 77,5 x 56	103 x 80 x 60
CR990E-G/S	—	Cruma 990*	0,361	175	74 x 97,5 x 56	103 x 100 x 60
CR1010E-G/S	—	Cruma 1010*	0,458	175	94 x 97,5 x 56	122,5 x 100 x 60
CR1200E-G/S	—	Cruma 1200*	0,892	175	77,5 x 117,5 x 76	110 x 120 x 80
CRG1	Plug&Play	Cruma G1	0,32	159	76,2 x 77,6 x 60	119,5 x 79,7 x 65
CRG2	Plug&Play	Cruma G2	0,40	159	76,2 x 97,6 x 60	119,5 x 99,7 x 65
CRG3	Plug&Play	Cruma G3	0,67	270	76,2 x 117,6 x 80	119,5 x 119,7 x 85
CRG4	Plug&Play	Cruma G4	0,89	385	76,2 x 157,6 x 80	119,5 x 159,7 x 85
CRG5	Plug&Play	Cruma G5	0,50	464	76,2 x 177,6 x 80	119,5 x 179,7 x 85

*activated carbon (HEPA H-14), average face Speed 0,50 m/s
Note: select the filter according to application



Heating mantles



Fibroman-C series

Dual heating power. With power heating switch selector. Two position isolated rocker switch heating control with power on indicator lamp. Alloy aluminium exterior case with epoxy coating. Suspended mineral wool woven heating mantle. Heating element homogeneously distributed throughout the woven mantle. Thermally insulated case, mineral wool fibre insulation. Nickel connectors. Retort stand clamp at the back of the unit. To prevent breakage or spills a drain hole is provided at the bottom of the mantle. Safety earth connection. Accessories, regulators and controllers available.

Warranty 1 year.

Reference	Flasks Cap. (L)	Ø Flasks (cm)	Max Mantle Temp (°C)
S3003141	100	6,5	450
S3003142	500	10,2	450
S3003145	2000	16,4	370
S3031410	4000	20,3	370
S3031420	6000	23,5	450
S3031430	100	7	370
S3031440	250	9	450
S3031450	500	10,5	450
S3031460	2000	17,5	450
S3314100	3000	18,8	450
S3314200	5000	24	450



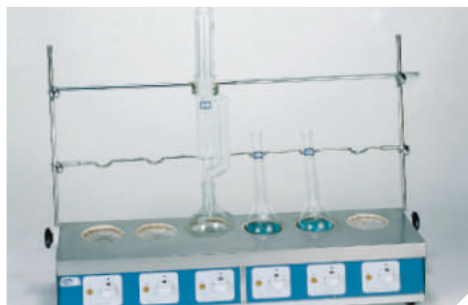
655 series

External structure in painted steel and inside thermal isolation with rock wool, with heating elements in nickelchrome. Supplied with rod, support and stirring magnet.

Maximum stirring speed: 1400rpm

Warranty 2 years.

Reference	Flasks Cap. (L)	Ø Flasks (cm)	Depth (mm)	Max Mantle Temp (°C)
AJGD001	50	5,5	40	370
AJGD002	250	8,3	45	450
AJGD003	1000	13,2	55	450
AJGD004	3000	19	60	370
AJGD005	5000	22,2	85	370
AJGD006	10000	29	105	450
AJGD007	20000	36,5	115	370
AJGD008	1000	15	140	370



Digestion Kjeldahl/Soxhlet

Banks for flasks, with analogic control. **Warranty 1 year.**

Reference	Model	Capacity (L)	Size (mm)	feature	Power (W)
S6003294	300-500	4	1,8 x 7,6 x 2,5	Kjeldahl/Soxhlet	1500
S6003296	300-500	6	1,8 x 10,5 x 2,5	Kjeldahl/Soxhlet	2200
S6014204	100	4	1,6 x 5,9 x 2,1	micro-Kjeldahl	510
S6014206	100	6	1,6 x 8,1 x 2,1	micro-Kjeldahl	900

YOU MAY ALSO LIKE:

→ **Round Bottom Flask**
(ref. 2172124N)

→ **Round Bottom Flask w/ standard ground joint**
(ref. 46809)



Meters for temperature

Ph Meters

Reference	Parameters	Scale	Resolution	Weight (Kg)
HI8424	pH	-2 to 16	0,01	0,5
HI2210-02	pH	-2 to 16	0,01	0,5
S4120300	pH/mV	0 to 14/±1400mV	0,01/1	0,5
S4120400	pH/mV/T	0 to 14/±1800mV/0 - 60°C	0,01/1/0,1	0,5
KDD002	pH/mV	0 to 14 / 0 to 1900 mV	0,01/	1,5
KDD006	pH/mV/T	0 to 14 / -1999/1999 mV / 0 - 100°C	0,01/1/0,1	1



SD series

Scroll-Through functionality. Compact and robust. Storage function. Robust housing and fully waterproof (IP67) casing. For testing in environmental, industrial or pool & spa applications.

With 25 sets of data storage. Applications: Boiler Water, Cooling Water, Drinking Water Treatment, Pool Water Control, Pool Water Treatment, Waste Water Treatment. Industry: Chemical, Food and Beverage, Marin, Municipalities, NGO, Oil and Gas, Pharmaceutical, Pool Public, Pool Services.

Reference	Model	Capacity (L)	Speed (rpm)	Feature
LB194800	pH	0 to 14 pH	0,01 pH	waterproof portable pen (2 batteries Cr2032)
LB194801	ORP	-1800~1800 mV	0,1 mV	
LB194802	Con	< 20,00 mS	0,01 mS	
LB194803	TDS	< 10,00 ppt	0,01 ppt	
LB194804	Salt	< 20,00 ppt	0,01 ppt	



SensoDirect 110

Can be used to measure pH, salt and conductivity. The protective armor does not guarantee a secure grip but also protection against falls. The stand attached to the back of the housing can also be used as a hanger or belt clip. "Hold" function included. Data gained is virtually "frozen" on the display by this function. Automatic battery check. High-quality, battery-operated handheld instrument for the determination of pH, salt and conductivity. Variable in use and user-friendly in operation. High measuring accuracy Light weight. Protective casing. Large digital display.

Reference	Parameters	Scale	Resolution
LB721300	pH110	0-14 pH/0,01 pH	20,8 x 11 x 3,4
LB722300	Con110	0,001 - 1,999 mS/cm / 0,001 mS/cm 0 - 10 % / 0,01 %	20,8 x 11 x 3,4
LB723300	Salt110	0,01 - 19,99 mS/cm / 0,01 mS/cm	20,8 x 11 x 3,4



SensoDirect 150

Ph/Redox, Conductivity, Dissolved Oxygen, TDS, Temperature (°C/°F). Multi-parameter handheld instrument for the determination of dissolved oxygen (O₂), O₂ concentration, conductivity, TDS, pH and ORP. Applications: Boiler Water, Cooling Water, Drinking Water, Treatment Pool Water Control, Pool Water Treatment. Waste Water Treatment. All measured values can be conveniently read on the large LCD display. The combinations pH + Con + TDS + Oxi, pH + Con + TDS, pH + Oxi and pH + Redox are available.

Reference	pH Value	Conductivity	TDS Range (ppm)	Oxygen Range	H. x L. x D. (cm)
LB724200	0-14	200 µS / 2 mS / 20 mS / 200 mS	0-132000	0-20 mg/L	22 x 12 x 4
LB724210	0-14	200 µS / 2 mS / 20 mS / 200 mS	0-132000	—	22 x 12 x 4
LB724220	0-14	200 µS / 2 mS / 20 mS / 200 mS	NA	0-20 mg/L	22 x 12 x 4





SensoDirect OXI 200

For the measurement of Dissolved Oxygen. The unit is IP67 watertight and it is supplied with a protective outer case and built-in electrode holder. The meter has a large screen allowing for accurate readings, a hold button to freeze the on-screen reading and an internal memory for storage and review of up to 20 data sets. Other features include: temperature display, battery life indicator, electrode condition indicator, meter hanging support and lanyard.

Warranty 2 years.

Reference	Model	Scale (mg/L)	Resolution	H. x L. x D. (cm)
LB723220	oxygen/temperature	0-70	0,1%/0,1°C	17,5 x 14 x 4,5



Photometer

Multi-parameter instrument which allows fast and easy measurement of pool water quality. Easily test for Free, Total and Combined Chlorine with Powder Pack Reagents as well as pH with a liquid. Ideal for poolside testing, the MD 100 comes ready to use with all of the reagents and accessories required for testing. MD 100 series. IP 68 design of this instrument ensures that the MD 100 remains water tight for up to 1 hour at 0.1 meter. The optical system of the MD 100 utilizes LEDs and interference filters which quickly gives you results that you can be confident in. Supplied ready to use with up to 14 calibration curves. Display readings directly in ABS or %T units.

Warranty 2 years.

Reference	Parameters	Accuracy photometric	Wavelength accuracy	H. x L. x D. (cm)
LB278030	Cloro/pH	3% Fs (T = 20-25°C) ± 1 µS		15,5 x 7,5 x 3,5
LB2889402	Cloro/pH	3% Fs (T = 20-25°C) ± 1 µS		19 x 11 x 5,5
LB214060	Chlorine (free, combined, total), pH, Calcium hardness, Alkalinity-m	2% Fs (T = 20-25°C) ± 1 µS		21 x 9,5 x 4,5
LB194802	Conductivid.	< 20000ms	—	—



Primelab 1.0 Multitest photometer

PrimeLab 1.0 Multitest photometer can offer more than 130 different methods, such as turbidity, COD and even a quantitative and certified method for legionella.

Reference Description

WPRLP-BSK-001 Basic kit for self-configuration



Poolab 1.0 photometer

For measurement of the following parameters: pH [6.5 – 8.4], Chlorine (free/combined/total) [0.00 – 6.00 mg/l], Alkalinity (Acid Capacity) [0 – 300 mg/l], Cyanuric Acid (Stabilizer) [0 – 160 mg/l], Active Oxygen (MPS) [0.0 – 30.0 mg/l], Bromine [0.0 – 13.5 mg/l], Chlorine Dioxide [0.0 – 1.4 mg/l], Ozone [0.0 – 4.0 mg/l], Hydrogen Peroxide [0.0 – 2.9 mg/l], Hardness (total, calcium) [0 – 500 mg/l].

Reference Description

WPOLP-BAK-001 PoolLab 1.0 photometer. Basic Kit
 WPOLP-AVI-001 replacement vial
 WPOLP-ASR-001 spare part plastic stirring rod
 WPOLP-ALS-001 spare part rubber light shield
 WPOLP-ACC-001 spare part transparent plastic case
 WPOLP-RRF-001 initial reagent pack refill in a carton box with hanger hole to hang

Dipslides

PoolTester pH and chlorine / bromine (POLT-T10-001) includes Testblock with 8pH scale values (range 6.8 – 8.2) and 16 chlorine / bromine values (ranges DPD N°1 (free Cl₂) 0.1 – 6.0 / Br₂ 0.22 – 13.2) and tablets RAPID (rapidly soluble) for 30 tests each

Reference	Description	Pack unit
WBactD001	TTC/TTC for Total Viable Count (TVC) in waters and surfaces	1x10
WBactD002	Malt/TTC for Yeasts, Moulds, Fungi & TVC in waters and surfaces	1x10
WBactD003	RBS/TTC for Yeasts, Moulds, Fungi & TVC for food and manufacturing industry	1x10
WBactD004	MAC/TTC for Coliforms & TVC in process waters	1x10
WBactD005	Chromogenic/TTC for E.coli, P.aeruginosa & TVC for enumeration of E.coli	1x10
WBactD006	PDM/MAC for Pseudomonas species & Coliforms for potable water, pools & spas	1x10
WBactD007	PDM/TTC for Pseudomonas species & TVC for Closed water systems & pools/spas	1x10
WBactD008	SRB Tube test for Sulphate reducing bacteria in Closed water systems	1x10
WBactD009	NRB Tube test for Nitrite reducing bacteria in Closed water systems	1x10



Pooltester, quick and semiquantitative measurement kit

PoolTester pH and chlorine / bromine (POLT-T10-001) includes Testblock with 8pH scale values (range 6.8 – 8.2) and 16 chlorine / bromine values (ranges DPD N°1 (free Cl₂) 0.1 – 6.0 / Br₂ 0.22 – 13.2) and tablets RAPID (rapidly soluble) for 30 tests each

Reference	Description	Pack unit
WPOLT-T10-001	PoolTester pH and DPD N°1 (free Cl ₂ / Br ₂)	1
WPOLT-R10-030	refill pack phenol Red RAPID / DPD N°1 (free Cl ₂ / Br ₂) RAPID	30



Primelab 1.0 Multitest photometer

PrimeLab 1.0 Multitest photometer allows you to individually introduce up to 130 parameters.

Here we show you our selection of the most commonly used 62 individual methods to add to the PrimeLab 1.0 Multitest photometer

Reference	Description	Pack Unit
WPRLM-001-001	Method ID 01 / Active oxygen (0 - 40 mg/l) / 0.1 mg/l	1
WPRLM-002-001	Method ID 02 / Ammonia (LR) (0 - 1 mg/l) / 0.01 mg/l	1
WPRLM-004-001	Method ID 04 / Aluminium (0 - 0.3 mg/l) / 0.01 mg/l	1
WPRLM-005-001	Method ID 05 / Alkalinity-M (5 - 200 mg/l) / 1 mg/l	1
WPRLM-006-001	Method ID 06 / Alkalinity-P (5 - 300 mg/l) / 1 mg/l	1
WPRLM-007-001	Method ID 07 / Boron (0 - 2 mg/l) / 0.1 mg/l	1
WPRLM-008-001	Method ID 08 / Bromine (0 - 18 mg/l) / 0.01 mg/l	1
WPRLM-010-001	Method ID 10 / Chloride (0.5 - 25 mg/l) / 0.1 mg/l	1
WPRLM-011-001	Method ID 11 / Chlorine (free-combined-total) (0.00 - 8.00 mg/l) / 0.1 mg/l	1
WPRLM-014-001	Method ID 14 / Chlorine (HR) (5 - 200 mg/l) / 1 mg/l	1
WPRLM-016-001	Method ID 16 / Chlorine dioxide (0 - 15 mg/l) / 0.01 mg/l	1
WPRLM-017-001	Method ID 17 / COD (HR) (0 - 15000 mg/l) / 1 mg/l. Requires: PRLA-LVA-001 and CODB	1
WPRLM-018-001	Method ID 18 / Copper (0 - 5 mg/l) / 0.01 mg/l	1
WPRLM-020-001	Method ID 20 / Cyanuric acid (2 - 160 mg/l) / 1 mg/l	1
WPRLM-021-001	Method ID 21 / DEHA (20 - 1000 mg/l) / 10 mg/l	1
WPRLM-023-001	Method ID 23 / Hydrazine (5 - 600 µg/l) / 1 µg/l	1
WPRLM-024-001	Method ID 24 / Hydrogen peroxide (LR) (0 - 3.8 mg/l) / 0.01 mg/l	1
WPRLM-025-001	Method ID 25 / Hydrogen peroxide (HR) (0 - 200 mg/l) / 1 mg/l	1
WPRLM-027-001	Method ID 27 / Iodine (0 - 28 mg/l) / 0.01 mg/l	1
WPRLM-028-001	Method ID 28 / Iron (LR) (0 - 1 mg/l) / 0.01 mg/l. Requires: filter set 0.45µm	1
WPRLM-029-001	Method ID 29 / Iron (MR) (0 - 10 mg/l) / 0.01 mg/l. Requires: filter set 0.45µm	1
WPRLM-030-001	Method ID 30 / Iron (HR) (0 - 30 mg/l) / 0.01 mg/l. Requires: filter set 0.45µm	1
WPRLM-031-001	Method ID 31 / Manganese (0.2 - 5 mg/l) / 0.1 mg/l	1
WPRLM-033-001	Method ID 33 / Molybdate (HR) (5 - 200 mg/l) / 0.1 mg/l	1
WPRLM-034-001	Method ID 34 / Nitrate (0.00 - 11.00 mg/l) / 0.1 mg/l	1
WPRLM-035-001	Method ID 35 / Nitrite (LR) (0 - 0.5 mg/l) / 0.01 mg/l	1
WPRLM-037-001	Method ID 37 / Ozone (0 - 5.4 mg/l) / 0.01 mg/l	1
WPRLM-038-001	Method ID 38 / pH (MR) (6.50 - 8.40) / 0.01	1

More next page →

Primelab 1.0 Multitest photometer

Reference	Description	Pack Unit
WPRLM-041-001	Method ID 41 / pH-Universal (5 – 11) / 0.1	1
WPRLM-042-001	Method ID 42 / pH-Universal (4 – 11) / 0.1	1
WPRLM-044-001	Method ID 44 / Phosphate (LR) (0 - 4 mg/l) / 0.01 mg/l	1
WPRLM-046-001	Method ID 46 / Phosphate (HR) (0 - 80 mg/l) / 0.1 mg/l	1
WPRLM-048-001	Method ID 48 / Potassium (0.7 - 12 mg/l) / 0.1 mg/l	1
WPRLM-049-001	Method ID 49 / Silica (LR) (0 - 5 mg/l) / 0.01 mg/l	1
WPRLM-050-001	Method ID 50 / Silica (HR) (0 - 100 mg/l) / 1 mg/l	1
WPRLM-051-001	Method ID 51 / Sodium Hypochlorite (0.2 - 40 %) / 0.1 %. Requires: PRLA-CUP-001	1
WPRLM-052-001	Method ID 52 / Sulfide (0.04 - 0.5 mg/l) / 0.01 mg/l	1
WPRLM-053-001	Method ID 53 / Sulfite (LR) (0 - 10 mg/l) / 0.1 mg/l	1
WPRLM-054-001	Method ID 54 / Sulfate (5 - 100 mg/l) / 1 mg/l	1
WPRLM-PTH-001	Method ID 56/57 / Hardness total (LR/HR) (2 (20) – 50 (500) mg/l) / 1 mg/l	1
WPRLM-059-001	Method ID 59 / Turbidity-FTU (20 - 1000 mg/l (FAU)) / 1 mg/l	1
WPRLM-062-001	Method ID 62 / Zinc (0 - 1 mg/l) / 0.01 mg/l	1
WPRLM-072-001	Method ID 72 / Fluoride (0 - 2 mg/l) / 0.01 mg/l	1
WPRLM-078-001	Method ID 78 / Hardness Calcium (0 - 500 mg/l) / 1 mg/l	1
WPRLM-079-001	Method ID 79 / COD (LR) (0 - 150 mg/l) / 1 mg/l. Requires: PRLA-LVA-001 and CODB	1
WPRLM-080-001	Method ID 80 / COD (MR) (0 - 1500 mg/l) / 1 mg/l. Requires: PRLA-LVA-001 and CODB	1
WPRLM-081-001	Method ID 81 / Suspended solids (0 - 750 mg/l) / 1 mg/l	1
WPRLM-082-001	Method ID 82 / DBNPA (0 – 13 mg/l) / 0.01 mg/l	1
WPRLM-083-001	Method ID 83 / QAC (Quaternary Ammonium Compounds) (25 - 150 mg/l) / 1 mg/l	1
WPRLM-087-001	Method ID 87 / Phosphonate (0 - 20 mg/l) / 0.01 mg/l	1
WPRLM-090-001	Method Nickel (HR) (0 - 7 mg/l) / 0.1 mg/l	1
WPRLM-091-001	Method ID 91 / Tannic acid (0 - 150 mg/l) / 0.1 mg/l	1
WPRLM-093-001	Method ID 93 / Magnesium (0 - 100 mg/l) / 1 mg/l	1
WPRLM-094-001	Method ID 94 / Chromium VI (0 - 2.2 mg/l) / 0.01 mg/l	1
WPRLM-096-001	Method ID 96 / Molybdate (LR) (0 - 15 mg/l) / 0.01 mg/l	1
WPRLM-097-001	Method ID 97 / Nitrite (HR) (0 - 1500 mg/l) / 1 mg/l	1
WPRLM-105-001	Method ID 105 / Sulfite (HR) (0 - 300 mg/l) / 0.1 mg/l	1
WPRLM-107-001	Method ID 107 / Colour (15 - 500 mg/l) / 1 mg/l. Requires: filter set 0.45µm	1
WPRLM-112-001	Method ID 112 / Turbidity-NTU (0 - 1100 mg/l (NTU)) / 0.01 mg/l. Requires: PRLT-TRB-001	1
WPRLM-124-001	Method ID 124 / Chloride (0 - 100 mg/l) / 0.1 mg/l	1
WPRLM-147-001	Method ID 147 / Legionella (60-1000000 cfu/l) / 1 cfu/l. Requires: PRL	1
WPRLM-151-001	Method ID 151 / Nitrogen Total (LR) (0.5 - 25 mg/l) / 0.1 mg/l	1
WPRLM-152-001	Method ID 152 / Nitrogen total (HR) (5 - 150 mg/l) / 1 mg/l	1
WPRLM-155-001	Method ID 155 / Ammonia (HR) (1 - 50 mg/l) / 0.1 mg/l. Requires: PRLA-LVA-001	1

Thermo-hygrometers



Thermometer

For internal and external temperature. Ambient and water temperature

Reference	Range (°C)	Division (°C)	Battery	Probe	Feature
AKJP002	50/70	0,1	1 x1.5 V, AAA	yes	digital for refrigerators
AKJM009	50/70	0,1	1 x1.5 V, AAA	yes	digital
AKJR005	50/70	0,1	1 x1.5 V, LR44	yes	aquarium digital
AKJR001	50/70	0,1	1 x1.5 V, AAA	yes	Aquarium digital
Hi98509*	50/70	0,1	1 x1.5 V, AAA	yes	pocket checktemp
HI147-00	50/70	0,1	1 x1.5 V, AA	yes	pocket check-fridge
HI143**	30/70	0,1	1xCR2032 3V	no	temperature recorder

Thermo-hygrometer

Ideal for routine measurements, monitoring 'round the clock', all quality control needs

Reference	Model	Resolution	Feature
AKJM002	50-70/10-99	0,1/1	Outdoor
AKJM013	50-70/5-95	0,1/1	room, outdoor and clock
ER3510205520	40-70/0-100	0,1/0,1	home, workplace and in storage
HI93640	0-60/5-95	0,1/0,1	room and outdoor
HI9564	0-60/20-95	0,1/0,1	room and outdoor



Thermometer Digital

Reference	Range (°C)	Precision (°C)	Feature
AKJJ04	-10/200	0.1	110 mm, fix
AKJJ02	0/200	1	170 mm, 1 meter-long cable
S5903029	-50/300 - 58/527	1	1 3,5 x 120



Stopwatch Diamond

Snooze function (once pressed the alarm goes off every 5min until shutdown)

Reference	Model	Feature
S5900501	Stopwatch	div. 1/100 seconds, max.timer: 23 hr 59 min 59 sec., date incorporated
AKKB005	Stopwatch	
S5900499	Relavis	Time setting from 0 to 60 minutes in 1 minute intervals
S5900500	Count Down-up	Portable: table top with magnetic holder or clip



Immersion thermostat Termotronic II

Electronic temperature control. Pt100 temperature sensor. Maximum volume to maintain maximum temperate: 20 litres. Heater elements made of INCOLOY stainless steel.

Fitted with a stirring circulating pump. All parts in contact with liquids made of stainless steel AISI 304. Fixing nut on the side

Reference	Model	Max.Temp. (°C)	Stability (°C)	H. x L. x D. (cm)	Power (W)
S3000389	Termotronic II	100	± 0,2	32 x 11 x 16	1000



TH/TC series

Pump for homogenization (6L/min) (max. pressure 200mbar). Double safety thermostat: cut out indicator lamp. Safety automatic disconnection with acoustic alarm that prevents overheating from the programmed temperature (+2,5°C). Automatic restart after unexpected shut down keeping the same parameters as before the incident. An incident sign appears on the display. Memory of the last settings. Attachable to the tank through a clamp and finger screw. Minimum high of the tank: 14cm

Reference	Model	Max.Temp. (°C)	Stability (°C)	H. x L. x D. (cm)	Power (W)
O1000001137	TH100E	100	± 0,1	30 x 19 x 16	1600
O1000001100	TH200E	200	± 0,1	30 x 19 x 16	2000
O1000001129	TC00E	100	± 0,1	44 x 22 x 57	1600





Digiterm series

Pump for homogenization (6L/min) (max. pressure 200mbar). Double safety thermostat: cut out indicator lamp. Safety automatic disconnection with acoustic alarm that prevents overheating from the programmed temperature (+2,5°C). Automatic restart after unexpected shut down keeping the same parameters as before the incident. An incident sign appears on the display. Attachable to the tank through a clamp and finger screw.

Warranty 1 year.

Reference	Model	Max.Temp. (°C)	Stability (°C)	H. x L. x D. (cm)	Power (W)
S300543	Digiterm S-150	150	± 0,05	28 x 18 x 19	1060
S300544	Digiterm TFT-200	200	(100°C) ± 0,05, (200°C) ± 0,1	28 x 18 x 19	2060

Turbidity meters



TB 210 IR

The scattered light is measured at an angle of 90°. EN ISO 7027. The wide measuring range from 0.01-1100 TE/F = NTU = FNU makes the instrument suitable for various applications, ranging from drinking water to waste water. The standards required for calibration of the unit are also supplied. A second adjustment mode allows alternative adjustment with user-defined turbidity standards. Range 0.01 - 1100 NTU

Reference	Model	Scale (NTU)	Resolution (NTU)	Accuracy (NTU)	H. x L. x D. (cm)
LB266020	TurbiCheck with infrared	0,01-1100	0,01-9,99=0,01 10-99,9=0,1 100-1100=1	±2,5% ±0,01 (0-500) ±5% (500-1100)	19 x 11 x 5,5



TB 250 WL

A power efficient micro-circuit design allows the instrument to yield 5000 tests on 4-AA alkaline batteries. The instrument comes with the required items for testing, including the TB 250 WL Turbidimeter, sample cuvettes, batteries, calibration set, operators manual and carrying case. Ideal for regulatory monitoring, easy calibration, auto-ranging.

Reference	Model	Scale (NTU)	Resolution (NTU)	Accuracy (NTU)	H. x L. x D. (cm)
LB194200	Turbicheck WL with white light	0,01-1100	0,01-99,9=0,01 100-999,9=0,1 1000-1100=1	± 2,5% ± 0,01 (0-500) ± 5% (500-1100)	21 x 9,5 x 4,5



TB 250

The infrared light-source permits measurement of coloured and colour-free samples. The automatic measurement range detection facility (Autorange) enables direct turbidity measurement from 0.01 to 1100 NTU with an accuracy of ± 2 % up to 500 NTU and ± 5 % thereafter. A large graphic display, a choice of several different languages and user-friendly operating instructions make the device extremely easy to use.

Reference	Feature	Scale (NTU)	Resolution (NTU)	Accuracy (NTU)	H. x L. x D. (cm)
LB194000	Turbidirect with infrared	0,01-1100	0,01x9,99=0,01 10-99,9=0,1 100-1100=1	± 2% of 0-500 ± 5% of 500-1100	26,5 x 19,5 x 7



Kit HI-93703C

This microprocessor based turbidity meter delivers laboratory grade accuracy for field or factory use. Supplied with a complete calibration and maintenance kit in a case. Water resistant, easy to hold and with a simple three-point calibration process, it is ideal for water testing.

Reference	Scale (NTU)	Resolution (NTU)	Accuracy (NTU)	H. x L. x D. (cm)
HI93703C	0-1000	0-50=0,01 50-1000=1	± 0,5	22x8,2x6,6

Hotplates

Digital Hotplate MCH series

Temperature controlled by microprocessor, by means of an integrated PT100 sensor. Indicator on the display of high temperature on the plate, that provides protection against burns. Membrane push-button control. Automatic restart after unexpected shut down keeping the same parameters as before the incident. Stainless steel plate AISI 304. Further accessories are available.

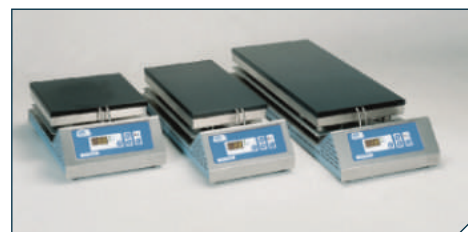
Reference	model	Temp. (°C)	Resolution (°C)	Timer (min)	Plate size (mm)
O1000001073	MCH400-RE	20-400	0,5	0-120	200 x 400
O1000001042	MCH400-SE	20-400	0,5	0-120	320 x 320
O1000000096	MCH300E	20-300	0,5	0-120	Ø 154



Plactronic series

Adjustable temperature from ambient +5 up to 200 °C. Stability ± 0.5 °C. Digital electronic digital temperature and time control display. Suitable for thermal tests not suitable for boiling tests. Aluminium alloy hotplate's coated with P.T.F.E. for protection against chemicals. Temperature probe Pt 100.

Reference	Temp. (°C)	Resolution (°C)	Timer (min)	Plate size (mm)
S6155100	20 - 200	1	1-999	240 x 240
S6156100	100 - 400	1	1-999	200 x 400
S6157100	20 - 200	1	1-999	250 x 600



Analogue Hotplate

With 6 place heating power controller. Cast steel plate with embedded heating elements throughout the plate surface. Fast heating rate at maximum power setting. Enamelled outer casing that is resistant to high temperatures and corrosive agents.

Reference	Temp. (°C)	Division	Plate size (mm)
S1000718	0 - 400	6 levels	Ø 120
S1000442	0 - 400	6 levels	Ø 150
S1000443	0 - 400	6 levels	Ø 190



Combiplac series

Electronic energy temperature control. The non warping steel hotplate has heating elements embedded throughout the hotplate surface maintaining the heat distribution. The main case is made of AISI 304 stainless steel. Connector at the back for the external digital thermometer, "Sensoterm" or "Electemp-TFT".

Reference	Temp. (°C)	Division	Plate size (mm)
S3002301	0 - 400	5 levels	Ø 120
S3002302	0 - 400	5 levels	Ø 190



Digital hotplate multiplace MH series

Multiplace controlled by microprocessor. Module consisting of 3 heating units in a single platform, with a single electrical connection. Each place works independently. Temperature adjustable controlled by microprocessor, "ARA V2" fuzzy logic algorithm for high precision control of the temperature. Automatic restart after unexpected shut down keeping the same parameters as before the incident. Removable plate, to replace itself in case of deterioration.

Reference	Model	Capacity (L)	Temp. Range (°C)	Resolution (°C)	Plate size (cm)	Power (W)
O1000001047	MH30E	3	20 - 300	0,5	Ø 154	170
O1000001043	MH50E	5	30 - 400	10	100 x 100	180
O1000001044	MH90E	9	30 - 400	10	100 x 100	360



Microscopes

B-150 series

The B-150 series has been designed to fulfill all requirements of educational laboratories. Obtain clear images at three (40x, 100x and 400x) or four (40x, 100x, 400x and 600x or 1000x) magnifications with 18mm field number. All in a compact and easy to carry size. The entire series is equipped with 1W LED illumination for bright and uniform light. If a cordless microscope is needed, the R Models are your choice as they come with a rechargeable battery.

Warranty 3 years.

Reference	Model Ocular tube	Inclination Rotation	Nosepiece, Eyepieces	Objective	Condenser	Stage	Lamp
OB-151*	B-151, Monocular	30° inclined, 360° rotating	Quadruple, WF 10x/18	HC (high contrast) 4x, 10x, 40x	N.A. 0.65, iris diaphragm, fixed	Fixed, 130x120 mm, with sample clips	1 W X-LED1 , manual brightness control
OB-153*	B-153, Monocular	30° inclined, 360° rotating	Quadruple, WF 10x/18	HC (high contrast) 4x, 10x, 40x, 60x	N.A. 1.2, iris diaphragm, focusable	Double layer, 125x116 mm, moving range 76x30 mm	1 W X-LED1 , manual brightness control
OB-155*	B-155, Monocular	30° inclined, 360° rotating	Quadruple, WF 10x/18	HC (high contrast) 4x, 10x, 40x, 100x	N.A. 1.2, iris diaphragm, focusable	Double layer, 125x116 mm, moving range 76x30 mm	1 W X-LED1 , manual brightness control
OB-157*	B-157, Binocular	30° inclined, 360° rotating	Quadruple, WF 10x/18	HC (high contrast) 4x, 10x, 40x, 60x	N.A. 1.2, iris diaphragm, focusable	Double layer, 125x116 mm, moving range 76x30 mm	1 W X-LED1 , manual brightness control
OB-159*	B-159, Binocular	30° inclined, 360° rotating	Quadruple, WF 10x/18	HC (high contrast) 4x, 10x, 40x, 100x	N.A. 1.2, iris diaphragm, focusable	Double layer, 125x116 mm, moving range 76x30 mm	1 W X-LED1 , manual brightness control
OB-150POL-M*	B-150POL-M, Monocular	30° inclined, 360° rotating	Quadruple, WF 10x/18	HC (high contrast) 4x, 10x, 40x	N.A. 1.2, iris diaphragm, fixed	Round, 360° rotating, 120 mm diameter, with sample clips	1 W X-LED1 , manual brightness control
OB-150POL-B*	B-150POL-B, Binocular	30° inclined, 360° rotating	Quadruple, WF 10x/18	HC (high contrast) 4x, 10x, 40x	N.A. 1.2, iris diaphragm, fixed	Round, 360° rotating, 120 mm diameter, with sample clips	1 W X-LED1 , manual brightness control
OB-150DM**	B-150DM, Monocular	30° inclined, 360° rotating	Quadruple, WF 10x/18	HC (high contrast) 4x, 10x, 40x	N.A. 1.2, iris diaphragm, focusable	Double layer, 125x116 mm, moving range 76x30 mm	1 W X-LED1 , manual brightness control
OB-150DB**	B-150DB, Monocular	30° inclined, 360° rotating	Quadruple, WF 10x/18	HC (high contrast) 4x, 10x, 40x, 100x	N.A. 1.2, iris diaphragm, focusable	Double layer, 125x116 mm, moving range 76x30 mm	1 W X-LED1 , manual brightness control

*Other models with Automatic Light Control (ALC) and Internal rechargeable battery (R).

**Other models with Internal rechargeable battery (R).

OB-155



OB-150POL-M



OB-159



OB-150DB



OB-150DB



YOU MAY ALSO LIKE:

→ **Microscope slides 76x26 mm**
(Ref. 5470117C)
(Ref. 5470207C)
(Ref. 5470307C)



B-190 series

The original design of B-190 series is based on robustness, yet keeping the extreme portability of the instrument, with a dedicated handle on the back. The built-in LED illuminator and the patented version with Windows tablet improve the reliability of one of the best-sellers of OPTIKA in the educational field.

Warranty 3 years.

Reference	Model Ocular tube	Inclination Rotation	Nosepiece, Eyepieces	Objective	Condenser	Stage	Lamp
OB-191	B-191, Monocular	30° inclined, 360° rotating	Quadruple reversed, Wide Field, 10x/18mm	HC Achromatic 4x, 10x, 40x, 100x	N.A. 1.25 Abbe type with adjustable height and iris diaphragm	Double layer, 125x115 mm with 70x30mm X-Y moving range	3 W X-LED2 system with adjustable intensity
OB-192	B-192, Binocular	30° inclined, 360° rotating	Quadruple reversed, Wide Field, 10x/18mm	HC Achromatic 4x, 10x, 40x, 100x	N.A. 1.25 Abbe type with adjustable height and iris diaphragm	Double layer, 125x115 mm with 70x30mm X-Y moving range	3 W X-LED2 system with adjustable intensity
OB-193	B-193, Trinocular	30° inclined, 360° rotating	Quadruple reversed, Wide Field, 10x/18mm	HC Achromatic 4x, 10x, 40x, 100x	N.A. 1.25 Abbe type with adjustable height and iris diaphragm	Double layer, 125x115 mm with 70x30mm X-Y moving range	3 W X-LED2 system with adjustable intensity

OB-191



OB-192



OB-193



HBC Series

Microscope of modular system, which permits users to configure the equipment according to their own needs.

Their stative, strong and ergonomic, is provided with coaxial coarse and fine focusing knobs with friction control ring and a device for quick focusing. The head is available as monocular, binocular or trinocular version, being the latter for connection of photographic or video cameras. **Warranty 2 years.**

Reference	Model Ocular tube	Inclination Rotation	Nosepiece, Eyepieces	Objective	Condenser	Stage
AHBC005	1280 Trinocular	45°/360	4x / 10x / 20x / 40x / 100x	53 - 72	quadruple	halogen*6 V, 200 W
AHBC001	106 Monocular	45°/360	4x / 10x / 40x / 100x	53 - 72	quadruple	LED
AHBC013	158 Trinocular	45°/360	4x / 10x / 20x / 40x / 100x	55 - 75	five fold inverted	halogen*12 V, 50 W
AHBC003	117 Trinocular	45°/360	4x / 10x / 100x / 40x	53 - 72	quadruple	LED*12 V, 50 W
AHBC008	122/107	45°/360	4x / 10x / 40x / 100x	55 - 75	quadruple	Halogen
AHBC009	122/108	45°/360	4x / 10x / 40x / 100x	55 - 75	quadruple	LED
AHBC010	122/147	45°/360	4x / 10x / 40x / 100x	55 - 75	quadruple	LED
AHBC011	122/148	45°/360	4x / 10x / 40x / 100x	55 - 75	quadruple	LED
AHBC014	158/8	40°/360	4x / 10x / 20x / 40x / 100x	55 - 75	quintuple inverted	Halogen

1280



127



106



116



117





Serie 3000

Excellent resolution planachromatic optics. High specification optical microscopes. Maximum versatility with a wide range of configurations, phase contrast, brightfield and dark field optics. Ideal for a wide range of applications.

Warranty 1 year.

Reference	Model Ocular tube	Inclination Rotation	Nosepiece, Eyepieces	Objective	Condenser	Stage
S5901981	3000-A LED Binocular	30° / 360°	4x / 10x / 100x / 40x	52 - 72	quadruple	LED 3W
S5901982	3000-B LED Binocular	30° / 360°	4x / 10x / 100x / 40x	55 - 75	quadruple	LED 3W
S5901983	3000-C LED Binocular	30° / 360°	4x / 25x / 100x / 40x	55 - 75	quadruple	LED 3W



Serie 701

By design and quality optics, this microscope is recommended especially for long duration work. Ideally suited for biology, botany, archaeology, geology, teaching and electronics.

Warranty 1 year.

Reference	Model Ocular tube	Inclination Rotation	Nosepiece, Eyepieces	Objective	Condenser	Stage
S5313111	701 LED Binocular	45° / 360°	4x / 10x / 100x / 40x	52 - 72	quadruple	LED 3W



Special application

3002-F: Excellent resolution. Polyvalent, can work in epifluorescent or transmitted light mode. With trinocular adapter for camera and video camera. Phase contrast and dark field modes as accessories.

206 LED: Wide range of applications, includes bright-field, dark-field, polarization and phasecontrast. Ideal for universities, clinics, biology, bacteriology, agriculture and industry.

Warranty 1 year.

Reference	Model Ocular tube	Inclination Rotation	Nosepiece, Eyepieces	Objective	Condenser	Stage
S5901984	3002-F Trinocular	30° / 360°	4x / 10x / 40x / 100x	50 - 75	quadruple	Halogen 30W
S5313115	206 LED Binocular	30° / 360°	4x / 10x / 100x / 40x	55 - 75	quadruple	LED 3W

Refrigerated cabinets



Medilow S, M, L & LG

With a stability of $\pm 1.5^\circ\text{C}$. Resolution 1°C . Capacity: 180, 236 and 544 litres. Over temperature safety thermostat installed. Applications: Determination of BOD at 20°C , Measurement of enzyme activity at 25°C . Storage and Preservation of samples, Incubation, Cosmetics, Botany, Food Products, etc.

Warranty 1 year.

Reference	Model	Capacity (L)	Temp. Range ($^\circ\text{C}$)	H. x L. x D. (cm)	Shelves n°	Power (W)
S2101270	Medilow-S	180	+2 to 40°C	73 x 52 x 40	3	250
S2101271	Medilow-M	260	+2 to 40°C	104 x 51 x 44	4	330
S2101272	Medilow-L	500	+2 to 40°C	134 x 65 x 54	5	330
S2101273	Medilow-LG	500	+2 to 40°C	134 x 65 x 54	5	330



Pharmalow series

Applications: Products that require a constant below atmosphere temperature, preservation of pharmaceutical products, medications, microtubes, etc. External case and metallic door. White coated and interior made of anti-toxic white sheet. Double glazed door and interior light for model M. Hermetically sealed compressor. Homogeneous, turbine fan assisted air circulation.

Warranty 1 year.

Reference	Model	Capacity (L)	Temp. Range ($^\circ\text{C}$)	H. x L. x D. (cm)	Shelves n°	Power (W)
S2101274	Pharmalow S	252	0 to 15°C	105 x 51 x 44	4	170
S2101275	Pharmalow L	352	0 to 15°C	142 x 51 x 44	5	180
S2101501	Pharmalow M	319	0 to 15°C	139 x 48 x 45	6	360

Thermoreactors

RD 125

The RD125 Thermoreactor is a 24 position heating block for reacting Lovibond® Vario tube test vials before the measurement in a photometer. Capable of heating at 100, 120 and 150°C, and with variable time settings for 30, 60 and 120 minutes. It can be used for the following methods: COD, TOC, Total Chromium, Total Nitrogen, Total Phosphate. **Warranty 2 years.**

Reference	Model	H. x L. x D. (cm)	Maximum quantity (mm)	Temp (°C)
LB2418940*	RD 125	17 x 24,8 x 22	24 x tubes of Ø 16	100;120;150

*digestion of COD, TOC, chromium, nitrogen and phosphate



Eco-8/16

Electronic temperature control. Temperature regulation from ambient to 160 °C. Analysis time can be set from 1 to 199 minutes or continuous. COD analysis in only 30 minutes at 160 °C. Processes up to 14 x Ø 16 mm ml test tubes. Plus 2 x Ø 22 mm test tubes simultaneously

Reference	Model	H. x L. x D. (cm)	Max. quantity (mm)	Temp (°C)
S5100127*	Eco-8 analogic system	10 x 14 x 23	8x tubes of Ø16, + 1x tubes of Ø22	70;100;120;150;160
S5100126*	Eco-16 digital system	11 x 17 x 27	14x tubes of Ø16, + 2x tubes of Ø22	160

*by wet digestion, for the determination of metallic and non metallic elements on different organic and inorganic samples



Chemical Oxygen Demand (COD) Determination

Composed of a Hot block for 6, 12 or 20 samples, process programmer and lifting racks. Automatic temperature and time control during digestion. C.O.D. unit comprises of: 1 metallic hot block. 1 Processor for temperature and time. 1 x support rack for tubes. 1x support rack for condensers. C.O.D. tubes with an aperture of 29/32. Condensers for C.O.D. **Warranty 1 year.**

Reference	Model	H. x L. x D. (cm)	Max quantity	Temp. Range (°C)	Shelves n°	Power (W)
S4000638*	DQO-6	18 x 33 x 28	6 positions	45 - 450	4	170
S4000639*	DQO-12	18 x 39 x 33	12 positions	45 - 450	5	180
S4000640*	DQO-20	18 x 44 x 39	20 positions	45 - 450	6	360

*C.O.D. Unit comprises of: 1 metallic hot block, 1 processor for temperature and time, 1 support rack for tubes, 1 support rack for condensers, C.O.D. Tubes with an aperture of 29/32, condensers for C.O.D.



Biological Oxygen Demand (BOD) analysis DBO series

Measurement on scales of 90, 250, 600 and 999 ppm BOD. Automatically stores 5 BOD values at 24-hour intervals. Enables analysis to continue over the weekend. Results directly readable at any time, even after five days. Direct readout in mg/l (ppm).

Reference	Model	Feature	Agitation	Temp. (°C)
S5100132	DBO Sensor - 6	6 x bottles of 500	yes	20
S5100133	DBO Sensor - 10	10 x bottles of 500	yes	20

You also may like:

BOD bottle with interchangeable stopper (ref. 9060067)



Biological Oxygen Demand (BOD) analysis BD series

Measurements are automatically taken and stored at regular time intervals and can be recalled at your convenience. Easy and quick interpretation of measurement values. Consistent Measurement Conditions. Sample identification and tracking.

Reference	Model	H. x L. x D. (cm)	Agitation	Temp. (°C)
LB2444460	BD 600	6 x bottles of 500	yes	20
LB2444465	BD 606	12 x bottles of 500	yes	20





05 LIQUID HANDLING

Gilson pipettes

- 172 . Pipetman® M
- 173 . Pipetman® L
- 174 . Pipetman® Classic
- 174 . Pipetman® G
- 174 . Microman® E
- 175 . Pipetman® Kits
- 176 . PIPETMAX®
- 176 . PLATEMASTER®
- 177 . Tips

Sartorius Pipettes

- 178 . Picus
- 179 . eLINE
- 179 . Tacta
- 180 . Tacta Multipack
- 183 . mLINE
- 183 . mLINE Multipack
- 182 . ProLINE Plus
- 183 . ProLINE Plus Multipack
- 184 . ProLINE
- 185 . Tips

Rainin Pipettes

- 187 . Rainin Pipet-Lite E4 XLS+
- 187 . Rainin Pipet-Lite XLS+
- 187 . Rainin Pos-D
- 187 . Tips for Rainin Pos-D

Capp Pipettes

- 188 . Bravo
- 188 . Ecopipette
- 189 . Aero96
- 190 . Tips
- 195 . Digital burette
- 195 . Dispenser
- 197 . Pipette controller
- 197 . Reagent Reservoir
- 198 . Safe-cone filters
- 199 . Universal tips

Gilson PIPETMAN® M

Guaranteed to perform with outstanding accuracy

**Electronic pipette single channel**

Reference	Model	Volume range (µl)	Systematic error (µl)	Random error (µl)	Repetitive model volume	PIPETMAN Diamond Tips
GF81022	P10M	0,5-10µl	± 0,040 ± 0,025 ± 0,060 ± 0,080	≤ 0,013 ≤ 0,012 ≤ 0,020 ≤ 0,025	0,5-10µl	D10/DF10 DL10/DFL10
GF81023	P20M	2-20µl	± 0,075 ± 0,100 ± 0,150	≤ 0,025 ≤ 0,035 ≤ 0,050	2-20µl	D200/DF30
GF81013	P100M	5-100µl	± 0,35 ± 0,30 ± 0,38 ± 0,40	≤ 0,10 ≤ 0,10 ≤ 0,12 ≤ 0,15	5-100µl	D200/D100
GF81024	P200M	20-200µl	± 0,40 ± 0,80 ± 1,00	≤ 0,15 ≤ 0,22 ≤ 0,26	5-200µl	D200/DF200 D300/DF300
GF81014	P300M	20-300µl	± 0,80 ± 0,70 ± 0,90 ± 1,05	≤ 0,16 ≤ 0,20 ≤ 0,23 ≤ 0,30	10-300µl	D200/DF200 D300/DF300
GF81015	P1200M	100-1200µl	± 2,5 ± 2,4 ± 3,6 ± 6,0	≤ 0,4 ≤ 0,4 ≤ 0,8 ≤ 1,2	20-1200µl	D1000/DF1000 D1200/DF1200
GF81016	P5000M	500-5000µl	± 10 ± 15 ± 25	≤ 2 ≤ 4 ≤ 7	100-5000µl	D5000
GF81017	P10mLM	1-10mL	± 25 ± 30 ± 50	≤ 4 ≤ 8 ≤ 12	200µl-10mL	D10mL

**Electronic pipette multichannel**

Reference	Model	Volume (µl)	Systematic error (µl)	Random error (µl)	Repetitive model volume	Tips
GF81025 GF81026	P8x10M P12x10M	0,5-10µl	± 0,05 ± 0,04 ± 0,08 ± 0,10	≤ 0,02 ≤ 0,02 ≤ 0,04 ≤ 0,06	0,5-10µl	D10/DF10 DL10/DFL10
GF81027 GF81028	P8X20M P12X20M	1-20µl	± 0,08 ± 0,09 ± 0,15 ± 0,25	≤ 0,05 ≤ 0,06 ≤ 0,10 ≤ 0,12	1-20µl	DL10/DFL10 D200/DF30
GF81018 GF81019	P8X100M P12X100M	10-100µl	± 0,25 ± 0,50 ± 0,80	≤ 0,14 ≤ 0,30 ≤ 0,25	5-100µl	D200/DF100
GF81029 GF81030	P8X200M P12X200M	20-200µl	± 0,50 ± 1,00 ± 2,00	≤ 0,16 ≤ 0,30 ≤ 0,50	5-200µl	D200/DF100/DF100 D300/DF300
GF81031 GF81032	P8X300M P12X300M	10-300µl	± 1,00 ± 1,00 ± 1,50 ± 2,40	≤ 0,18 ≤ 0,18 ≤ 0,375 ≤ 0,45	10-300µl	D200/DF200 D300/DF300
GF81020 GF81021	P8X1200M P12X1200M	50-1200µl	± 7,0 ± 4,0 ± 6,0 ± 9,6	≤ 0,7 ≤ 0,7 ≤ 1,5 ≤ 1,8	50-1200µl	D1200/DF1200

Gilson PIPETMAN® L

Increase productivity without sacrificing comfort

Mechanical pipette single channel

Stainless steel ejector	Plastic ejector	Volume range (µl)	Gilson		ISO 8655		PIPETMAN Diamond Tips
			Systematic error (µl)	Random error (µl)	Systematic error (µl)	Random error (µl)	
GFA10001M	GFA10001P	0,2	± 0,024	≤ 0,012	± 0,08	≤ 0,04	D10/DF10 D1L10/DFL10
		0,5	± 0,025	≤ 0,012	± 0,08	≤ 0,04	
		1	± 0,027	≤ 0,013	± 0,08	≤ 0,04	
		2	± 0,030	≤ 0,014	± 0,08	≤ 0,04	
GFA10002M	GFA10002P	1	± 0,025	≤ 0,012	± 0,12	≤ 0,08	D10/DF10 DL10/DFL10
		5	± 0,075	≤ 0,030	± 0,12	≤ 0,08	
		10	± 0,100	≤ 0,040	± 0,12	≤ 0,08	
GFA10003M	GFA10003P	2	± 0,10	≤ 0,030	± 0,2	≤ 0,1	D200/DF30
		10	± 0,10	≤ 0,050	± 0,2	≤ 0,1	
		20	± 0,20	≤ 0,060	± 0,2	≤ 0,1	
GFA10004M	GFA10004P	10	± 0,35	≤ 0,10	± 0,8	≤ 0,3	D200/DF100
		50	± 0,40	≤ 0,12	± 0,8	≤ 0,3	
		100	± 0,80	≤ 0,15	± 0,8	≤ 0,3	
GFA10005M	GFA10005P	20	± 0,50	≤ 0,20	± 1,6	≤ 0,6	D200/DF200 D300/DF300
		100	± 0,80	≤ 0,25	± 1,6	≤ 0,6	
		200	± 1,60	≤ 0,30	± 1,6	≤ 0,6	
GFA10006M	GFA10006P	100	± 3,0	≤ 0,6	± 8,0	≤ 3,0	D1000/DF1000 D1200/DF1200
		500	± 4,0	≤ 1,0	± 8,0	≤ 3,0	
		1000	± 8,0	≤ 1,5	± 8,0	≤ 3,0	
FA10007	—	500	± 12	≤ 3	± 40	≤ 15	D5000
		2500	± 15	≤ 5	± 40	≤ 15	
		5000	± 30	≤ 8	± 40	≤ 15	
FA10008	—	1000	± 30	≤ 6	± 60	≤ 30	D10mL
		5000	± 40	≤ 10	± 60	≤ 30	
		10000	± 60	≤ 16	± 60	≤ 30	



Mechanical pipette multichannel

Reference	Model	Volume range (µl)	Gilson		ISO 8655		PIPETMAN Diamond Tips
			Systematic error (µl)	Random error (µl)	Systematic error (µl)	Random error (µl)	
GFA10013	P8x10L	0,5	± 0,08	≤ 0,04	± 0,24	≤ 0,16	D10/DF10 DL10/DFL10
GFA10014	P12x10L	1	± 0,08	≤ 0,05	± 0,24	≤ 0,16	
		5	± 0,20	≤ 0,10	± 0,24	≤ 0,16	
		10	± 0,20	≤ 0,10	± 0,24	≤ 0,16	
GFA10009	P8x20L	2	± 0,10	≤ 0,08	± 0,4	≤ 0,20	DL10/DFL10 D200/DF30
GFA10010	P12x20L	10	± 0,20	≤ 0,10	± 0,4	≤ 0,20	
		20	± 0,40	≤ 0,15	± 0,4	≤ 0,20	
GFA10011	P8x20L	20	± 0,50	≤ 0,25	± 3,2	≤ 1,2	D200/DF200 D300/DF300
GFA10012	P12x200L	100	± 1,00	≤ 0,40	± 3,2	≤ 1,2	
		200	± 2,00	≤ 0,50	± 3,2	≤ 1,2	
GFA10015	P8x300L	20	± 1,00	≤ 0,35	± 8,0	≤ 3,0	D200/DF200 D300/DF300
GFA10016	P12x300L	30	± 1,00	≤ 0,35	± 8,0	≤ 3,0	
		150	± 1,50	≤ 0,60	± 8,0	≤ 3,0	
		300	± 3,00	≤ 1,00	± 8,0	≤ 3,0	



Gilson MICROMAN® E

Ergonomic pipetting for viscous liquids

**Single channel pipette**

Reference	Model	Capillary Piston	Volume (µl)	Gilson		ISO 8655	
				Systematic error (µl)	Random error (µl)	Systematic error (µl)	Random error (µl)
GFD10001	M10E	CP10	1	± 0,09	≤ 0,03	± 0,2	≤ 0,1
		CP10ST	5	± 0,10	≤ 0,03	± 0,2	≤ 0,1
			10	± 0,15	≤ 0,06	± 0,2	≤ 0,1
GFD10002	M25E	CP25	3	± 0,25	≤ 0,08	± 0,7	≤ 0,3
		CP25ST	10	± 0,27	≤ 0,08	± 0,7	≤ 0,3
			25	± 0,30	≤ 0,10	± 0,7	≤ 0,3
GF10003	M50E	CP50	20	± 0,34	≤ 0,20	± 0,7	≤ 0,3
		CP50ST	50	± 0,70	≤ 0,30	± 0,7	≤ 0,3
GF10004	M100E	CP100	10	± 0,50	≤ 0,20	± 1,5	≤ 0,6
		CP100ST	50	± 0,75	≤ 0,30	± 1,5	≤ 0,6
			100	± 1,00	≤ 0,40	± 1,5	≤ 0,6
GF10005	M250E	CP250	50	± 1,50	≤ 0,30	± 6	≤ 2,0
		CP250ST	100	± 1,70	≤ 0,30	± 6	≤ 2,0
			250	± 2,50	≤ 0,50	± 6	≤ 2,0
GF10006	M1000E	CP1000	100	± 3,0	≤ 1,6	± 12	≤ 4,0
		CP1000ST	500	± 5,0	≤ 2,5	± 12	≤ 4,0
			1000	± 8,0	≤ 4,0	± 12	≤ 4,0

Gilson PIPETMAN® Classic & G model

Premium Robustness and Comfort

**Mechanical pipette single channel**

Stainless steel ejector	Plastic ejector	Models	Volume (µl)	Gilson		ISO 8655	
				Systematic error (µl)	Random error (µl)	Systematic error (µl)	Random error (µl)
GF144801	GF144054P	P2	0,2	± 0,024	≤ 0,012	± 0,08	≤ 0,04
GF144054M		P2G	0,5	± 0,025	≤ 0,012	± 0,08	≤ 0,04
			2	± 0,030	≤ 0,014	± 0,08	≤ 0,04
GF144802	GF144055P	P10	1	± 0,025	≤ 0,012	± 0,12	≤ 0,08
GF144055M		P10G	5	± 0,075	≤ 0,030	± 0,12	≤ 0,08
			10	± 0,100	≤ 0,040	± 0,12	≤ 0,08
GF1123600	GF144056P	P20	2	± 0,10	≤ 0,030	± 0,2	≤ 0,1
GF144056M		P20G	10	± 0,10	≤ 0,050	± 0,2	≤ 0,1
			20	± 0,20	≤ 0,060	± 0,2	≤ 0,1
GF123615	GF144057P	P100	10/20	± 0,35	≤ 0,10	± 0,8	≤ 0,3
GF144058M		P100G	50	± 0,40	≤ 0,12	± 0,8	≤ 0,3
			100	± 0,80	≤ 0,15	± 0,8	≤ 0,3
GF123602	GF144058P	P200	20/50	± 0,50	≤ 0,20	± 1,6	≤ 0,6
GF144059M		P200G	100	± 0,80	≤ 0,25	± 1,6	≤ 0,6
			200	± 1,60	≤ 0,30	± 1,6	≤ 0,6
GF123603	GF144059P	P1000	100/200	± 3,0	≤ 0,6	± 8,0	≤ 3,0
GF144066		P1000G	500	± 4,0	≤ 1,0	± 8,0	≤ 3,0
			1000	± 8,0	≤ 1,5	± 8,0	≤ 3,0
GF123603	—	P5000	500/1000	± 12	≤ 3	± 40	≤ 15
GF144066		P5000G	2500	± 15	≤ 5	± 40	≤ 15
			5000	± 30	≤ 8	± 40	≤ 15
GF161201	—	P10mL	1000	± 30	≤ 6	± 60	≤ 30
GF144067		P10mLG	5000	± 40	≤ 10	± 60	≤ 30
			10000	± 60	≤ 16	± 60	≤ 30

Gilson PIPETMAN® Kits

PIPETMAN L kits

Reference	Model	PIPETMAN Model	PIPETMAN Diamond tips	Accessories
GF167350	PIPETMAN L Starter Kit	P20L P200L P1000L	D1000	3 SINGLE™ pipette holders 3 plastic ejectors 1 Gilson Guide to Pipetting 1 Two-minute inspection poster
GF167550	PIPETMAN L Micro-volume Kit	P2L P10L P100L	DL10 D200	3 SINGLE™ pipette holders 3 plastic ejectors 1 Gilson Guide to Pipetting 1 Two-minute inspection poster
GF167370	PIPETMAN L 4-pipette Kit	P2L P20L P200L P1000L	DL10 D200 D1000	4 SINGLE™ pipette holders 1 Gilson Guide to Pipetting 1 Two-minute inspection poster



PIPETMAN Classic kits

Reference	Model	PIPETMAN Model	PIPETMAN Diamond tips	Accessories
GF167300	PIPETMAN Classic Starter Kit	P20 P200 P1000	D200 D1000	3 SINGLE™ pipette holders 1 Gilson Guide to Pipetting
GF167500	PIPETMAN Classic Micro-volume Kit	P2 P10 P100	DF10 D200	3 SINGLE™ pipette holders 1 Gilson Guide to Pipetting
GF167400	PIPETMAN Classic Large-volume Kit	P5000 P10mL	—	2x10 Protection Filters
GF167380	PIPETMAN Classic 4-pipette Kit	P2 P20 P200 P1000	DL10 D200 D1000	4 SINGLE™ pipette holders 4 PIPETMAN Comfort Handles 1 Gilson Guide to Pipetting 1 Two-minute inspection poster



PIPETMAN G kits

Reference	Model	PIPETMAN Model	PIPETMAN Diamond tips	Accessories
GF167900	PIPETMAN G Starter Kit	P20G P200G P1000G	D200 D1000	3 SINGLE™ pipette holders 3 Plastic ejectors 3 PIPETMAN Comfort holders 1 Gilson Guide to Pipetting 1 Two-minute inspection poster
GF167800	PIPETMAN G Micro-volume Kit	P2G P10G P100G	DL10 D200	3 SINGLE™ pipette holders 3 Plastic ejectors 1 Gilson Guide to Pipetting 1 Two-minute inspection poster
GF167360	PIPETMAN G 4-pipette Kit	P2G P20G P200G P1000G	DL10 D200 D1000	4 SINGLE™ pipette holders 1 Gilson Guide to Pipetting 1 Two-minute inspection poster



Gilson High Troughput Pipetting



PIPETMAX®

Increase reproducibility and the pace of your experiments with this easy-to-use, affordable, automated liquid handling platform

Specifications

Pipette Head Optionst	8 channel 1-20µl, 8 channel 20-200µl Single channel 1000µl
Pipette Head Mounts	2 PIPETMAX pipetting heads
Bed capacity	9 standard microplate positions
Labware Compatibility	Standard shallow and deep-well microplates and microcentrifuge tubes
Instrument Dimensions	24,8''x21,0''x20,7'' (with cover), 24,8''x20,0''x19,0''(without cover)
Operational Air Temperature	4°C-40°C



PLATEMASTER®

Amazingly easy-to-use, accurate solution for high throughput pipetting of 96- and 384-well microplates.

Reference	Description	Specifications
GF110761	PLATEMASTER P20	0,5-20µl, adjustable in 1µl increments
GF110762	PLATEMASTER P220	2-220µl, adjustable in 1µl increments
-	Dimensions	300mm x 450 mm x 400 mm
-	Weight	16kg

Gilson PIPETMAN Diamond Tips

Standard tips

Description	Volume Range (µl)	Tip Length (mm)	Autoclavable Tips	Sterilised Tips	Pack unit
DL10 Reload Pack	0,1-20	45	GF167012	—	960
D200 Reload Pack	2-200	51	GF167013	—	960
D1000 Reload Pack	100-1000	66	GF167014	—	576
DL10 Blister Refill	0,1-20	45	GF172200	GF172201	960
D200 Blister Refill	2-200	51	GF172300	GF172301	960
D300 Blister Refill	10-300	51	GF172400	GF172401	960
D1000 Blister Refill	100-1000	66	GF172500	GF172501	960
D10 Tipack	0,1-10	30	GF171100	GF171101	960
DL10 Tipack	0,1-20	45	GF171200	GF171201	960
D200 Tipack	2-200	51	GF171300	GF171301	960
D300 Tipack	10-300	51	GF171400	GF171401	960
D1000 Tipack	100-1000	66	GF171500	GF171501	960
D1200 Tipack	100-1200	84	GF171600	GF171601	960
D5000 Tipack	0,5-5	10,4	GF161370	—	600
D10ml Tipack	1-10	16	GF161230	—	240
D10 Towerpack	0,1-10	30	GF167101	GF167201	960
DL10 Towerpack	0,1-20	45	GF167102	GF167202	960
D200 Towerpack	2-200	51	GF167103	GF167203	960
D300 Towerpack	10-300	51	GF167105	GF167205	960
D1000 Towerpack	100-1000	66	GF167104	GF167204	672
D10 Ecopack	0,1-10	30	GF161630	—	10,000
DL10 Ecopack	0,1-20	45	GF161450	—	10,000
D200 Ecopack	2-200	51	GF161930	—	10,000
D300 Ecopack	10-300	51	GF161730	—	10,000
D1000 Ecopack	100-1000	66	GF161670	—	10,000
D1200 Ecopack	100-1200	84	GF161110	—	10,000
D10 Easypack	0,1-10	30	GF161631	—	1,000
DL10 Easypack	0,1-20	45	GF161451	—	1,000
D200 Easypack	2-200	51	GF161931	—	1,000
D300 Easypack	10-300	51	GF161731	—	1,000
D1000 Easypack	100-1000	66	GF161671	—	1,000
D1200 Easypack	100-1200	84	GF161111	—	1,000
D5000 Easypack	0,5-5	10,4	GF161571	—	1,002
D10mL Easypack	1-10	16	GF161210	—	200
D200st sterilpack	2-200	51	—	GF161330	400
D1000st sterilpack	100-1000	66	—	GF161340	400



Filter tips

Description	Volume Range (µl)	Tip Length (mm)	Sterilised Tips	Pack unit
DFL10ST Blister Refill	0,1-10	45	GF172203	960
DF30ST Blister Refill	2-30	51	GF172303	960
DF100ST Blister Refill	10-100	51	GF172403	960
DF200ST Blister Refill	20-200	51	GF172503	960
DF300ST Blister Refill	10-300	51	GF172703	960
DF1000ST Blister Refill	100-1000	66	GF172603	960
DF10ST Filter Tipack	0,1-10	30	GF171103	960
DFL10ST Filter Tipack	0,01-10	45	GF171203	960
DF30ST Filter Tipack	2-30	51	GF171303	960
DF100ST Filter Tipack	10-100	51	GF171403	960
DF200ST Filter Tipack	20-200	51	GF171503	960
DF300ST Filter Tipack	10-300	51	GF171603	960
DF1000ST Filter Tipack	100-1000	66	GF171703	960
DF1200ST Filter Tipack	100-1200	84	GF171803	960



Empty Reload Packs/Boxes

Description	Reference	Pack unit
Universal Reload Box	GF167100	1
DL10/D200 Empty Box	GF171204	2
D1000 Empty Box	GF171504	2
D10 Empty Racks	GF171102	2
DL10 Empty Racks	GF171202	2
D200 Empty Racks	GF171302	2
D300 Empty Racks	GF171402	2
D1000/D1200 Empty Rack	GF171502	2
D5000 Empty Rack	GF171360	1
D10mL Empty Rack	GF171220	1



Blister Pack for Pipetmax, certified 384-well

Description	Volume range (µl)	Tip Length (mm)	Autoclavable Tips	Sterilised Tips	Pack unit
DSL10 Blister Refill	0,1-20	45	GF172210	F172211	960
DS200 Blister Refill	2-200	51	GF172310	F172311	960
DS1000 Blister Refill	10-1000	66	GF172510	F172511	960
DSFL10ST Blister Refill	0,1-10	45	—	F172213	960
DSF30ST Blister Refill	2-30	51	—	F172313	960
DSF200ST Blister Refill	20-200	51	—	F172513	960
DSF1000ST Blister Refill	100-1000	66	—	F172613	960

Sartorius Picus® Pipettes



Electronic single channel pipette

Adjustable volume

Reference	Volume range (µl)	Division (µl)	Systematic error (%)	Random error (%)	Tip (µl)
BH735021	0,2-10	0,02	≤ ± 0,9	≤ 0,40	10
BH735041	5-120	0,1	≤ ± 0,4	≤ 0,15	200/350
BH735061	10-300	0,2	≤ ± 0,4	≤ 0,15	350
BH735081	50-1000	1	≤ ± 0,4	≤ 0,15	1000
BH735101	100-5000	5	≤ ± 0,5	≤ 0,15	5000
BH735111	500-10000	10	≤ ± 0,6	≤ 0,20	10000



Electronic multichannel pipette

Adjustable volume

Reference	Channels	Volume range (µl)	Division (µl)	Systematic error (%)	Random error (%)	Tip (µl)
BH735321	8	0,2-10	0,02	≤ ± 0,9	≤ 0,5	10
BH735341	8	5-120	0,1	≤ ± 0,5	≤ 0,2	200/350
BH735361	8	10-300	0,2	≤ ± 0,5	≤ 0,2	350
BH735391	8	50-1200	1	≤ ± 0,5	≤ 0,2	1200
BH735421	2	0,2-10	0,02	≤ ± 0,9	≤ 0,5	10
BH735441	12	5-120	0,1	≤ ± 0,5	≤ 0,2	200/350
BH735461	12	10-300	0,2	≤ ± 0,5	≤ 0,2	350
BH735491	12	50-1200	1	≤ ± 0,5	≤ 0,2	1200

Sartorius eLINE® Pipettes

Dependable Durability

Electronic Single channel pipette

Adjustable volume

Reference	Channels	Volume range (µl)	Systematic error (%)	Random error (%)	Tip (µl)
BH730011	0,1 - 5	0,05	—	—	10
BH730021	0,2-10	0,05	—	—	10
BH730041	5-120	0,5	BH721008	BH721018	300, 350
BH730061	10-300	1	BH721007	BH721017	350
BH730081	50-1000	5	BH721006	BH721016	1000
BH730101	100-5000	10	BH721006	BH721016	5000



Electronic multichannel pipette

Adjustable volume

Reference	Channels	Volume range (µl)	Division (µl)	Safe-cone filters Standard	Plus	Tip (µl)
BH73032X	8	0,2-10	0,05	—	BH721018	10
BH73034X	8	5-120	0,5	BH721008	—	300, 350
BH73036X	8	10-300	5	BH721007	BH721017	350
BH73039X	8	50-1200	1	BH721006	BH721016	1200
BH73042X	12	0,2-10	0,05	—	—	10
BH73044X	12	5-120	0,5	BH721008	BH721018	300, 350
BH73046X	12	10-300	5	BH721007	BH721017	350
BH73049X	12	50-1200	1	BH721006	BH721016	1200



Sartorius Tacta® Pipettes

Perfectly Balanced

Mechanical single channel pipette

Reference	Volume range (µl)	Division (µl)	Safe-cone filters Standard	Plus	Tip (µl)
BHLH-729010	0,1 - 3	0,002	—	—	10
BHLH-729020	0,5 - 10	0,01	—	—	10
BHLH-729030	2 - 20	0,02	721014	—	200
BHLH-729050	10 - 100	0,1	721008	721018	200,350
BHLH-729060	20 - 200	0,2	721007	721017	200,350
BHLH-729070	100 - 1000	1	721006	721016	1000
BHLH-729080	500 - 5000	5	721005	721015	5000
BHLH-729090	1000-10000	10	721005	721015	10000

Mechanical multichannel pipette

Reference	Channels	Volume range (µl)	Division (µl)	Safe-cone filters Standard	Plus	Tip (µl)
BHLH-729120	8	0,5 - 10	0,01	—	—	10
BHLH-729130	8	5 - 100	0,1	721008	721018	200, 350
BHLH-729140	8	30 - 300	0,2	721007	721017	350
BHLH-729220	12	0,5 - 10	0,01	—	—	10
BHLH-729230	12	5 - 100	0,1	721008	721018	200, 350
BHLH-729240	12	30 - 300	0,2	721007	721017	350



Sartorius Tacta® Pipette Multipacks

The Smart Solution for Your Lab

Reference	Model	Number of pipettes	Pipette channel x Volume (µl)	Optifit Tip Racks	Accessories included
LH-729670	Tacta® Pipette 3-pack 10	3 x single channel	1x 0,5-10 µl 1x 10-100 µl 1x 100-1000 µl	96 tips of: - 0,2-10 µl - 0,5-200 µl - 10-1000 µl	Linear Stand Pipette Holder x 3
LH-729671	Tacta® Pipette 3-pack 20	3 x single channel	1x 2-20 µl 1x 20-200 µl 1x 100-1000 µl	96 tips of: - 0,5-200 µl - 10-1000 µl	Linear Stand Pipette Holder x 3
LH-729672	Tacta® Pipette 4-pack 20	4 x single channel	1x 0,5-10 µl 1x 2-20 µl 1x 20-200 µl 1x 100-1000 µl	96 tips of: - 0,1-10 µl - 0,5-200 µl - 10-1000 µl	Linear Stand Pipette Holder x 3
LH-729673	Tacta® Pipette 4-pack 100	4 x single channel	1x 0,5-10 µl 1x 2-20 µl 1x 20-200 µl 1x 100-1000 µl	96 tips of: - 0,1-10 µl - 0,5-200 µl - 10-1000 µl	Linear Stand Pipette Holder x 3
LH-729674	Tacta® Pipette 5-pack 10	5 x single channel	1x 0,5-10 µl 1x 10-100 µl 1x 20-200 µl 1x 100-1000 µl 1x 500-5000 µl	96 tips of: - 0,1-10 µl - 0,5-200 µl - 10-1000 µl	Linear Stand Pipette Holder x 3
LH-729675	Tacta® Pipette 5-pack 20	5 x single channel	1x 2-20 µl 1x 10-100 µl 1x 20-200 µl 1x 100-1000 µl 1x 500-5000 µl	96 tips of: - 0,5-200 µl - 10-1000 µl 50 tips of - 5000 µl	Linear Stand Pipette Holder x 3
LH-729676	Tacta® Pipette 3+1-pack	3 x single channel 1 x multi-channel	1x 0,5-10 µl 1x 20-200 µl 1x 100-1000 µl 8x 30-300 µl	96 tips of: - 0,1-10 µl - 0,5-200 µl - 5-350 µl - 10-1000 µl	Linear Stand Pipette Holder x 3
LH-729677	Tacta® Pipette 3-pack max	3 x single channel	1x 100-1000 µl 1x 500-5000 µl 1x 1-10 ml	96 tips of: - 10-1000 µl Bulk in a Bag 100 x 0,1-5 ml 250 x 1-10 ml	Linear Stand Pipette Holder x 3



Tacta® General Information

- Low pipetting and tip ejection forces
- **Smooth tip ejection** with the new Optiject™ technology
- Unique Optilock™ system **provides flexibility** for volume adjustment and locking
- **Calibration adjustment** to provide accurate results for various liquid types
- **Reliable results**, even over lengthy pipetting periods
- **Easy-to-read**, four-digit volume display helps to set exact volumes
- **Easy to clean** with only three parts to disassemble
- Fully **autoclavable**
- High-quality standard Optifit tips **for various applications**

Sartorius mLINE® Pipettes

Perfectly Balanced

Mechanical pipette single channel

Reference	Volume range (µl)	Division (µl)	Safe-cone filters		Tip (µl)
			Standard	Plus	
BH725010	0,1-3	0,002	—	—	10
BH725020	0,5-10	0,01	—	—	10
BH725030	2-20	0,02	BH721014	—	300
BH725050	10-100	0,10	BH721008	BH721018	300, 350
BH725060	20-200	0,20	BH721007	BH721017	300, 350
BH725070	100-1000	1	BH721006	BH721016	1000
BH725080	500-5000	10	BH721005	BH721015	5000
BH725090	1000-10000	20	BH721005	BH721015	10000



Multichannel pipette multichannel

Reference	Channels	Volume range (µl)	Division (µl)	Safe-cone filters		Tip (µl)
				Standard	Plus	
BH725120 / 5220	8/12	0,5-10	0,01	—	—	10
BH725220	12	0,5-10	0,01	—	—	10
BH725130 / 5230	8/12	5-100	0,10	BH721008	BH721018	300, 350
BH725230	12	5-100	0,10	BH721008	BH721018	300, 350
BH725140 / 5240	8/12	30-300	0,20	BH721007	BH721017	350
BH725240	12	30-300	0,20	BH721007	BH721017	350



Sartorius mLINE® Pipette Multipacks

Ergonomic and Affordable

Reference	Model	Number of pipettes	Pipette channel x Volume (µl)	Optifit Tip Tray Box	Accessories included
LH-725661	Pipette 3-pack 10	3 x single channel	1x 0,5-10 µl 1x 10-100 µl 1x 100-1000 µl	96 tips of: - 0,2-10 µl - 0,5-200 µl - 10-1000 µl	Linear Stand
LH-725662	Pipette 3-pack 20	3 x single channel	1x 2-20 µl 1x 20-200 µl 1x 100-1000 µl	96 tips of: - 0,5-200 µl - 10-1000 µl	Linear Stand
LH-725663	Pipette 4-pack	4 x single channel	1x 0,5-10 µl 1x 10-100 µl 1x 20-200 µl 1x 100-1000 µl	96 tips of: - 0,1-10 µl - 0,5-200 µl - 10-1000 µl	Linear Stand
LH-725664	Pipette 5-pack	5 x single channel	1x 2-20 µl 1x 10-200 µl 1x 20-200 µl 1x 100-1000 µl 1x 500-5000 µl	96 tips of: - 0,5-200 µl - 10-1000 µl - 100-5000 µl	Linear Stand
LH-725665	Pipette 3+1 Pack	3 x single channel 1 x multichannel	1x 0,5-10 µl 1x 20-200 µl 1x 100-1000 µl 8x 30-300 µl	96 tips of: - 0,1-10 µl - 0,5-200 µl - 5-350 µl - 10-1000 µl	Linear Stand

mLINE® General Information

- 5 mLINE® Multipack options available for various needs with a **great value**
- A **set of 3 to 5 mLINE® mechanical pipettes**, a Linear Stand and racks of matching tips included
- Renew your existing pipettes with a set of new, **highly ergonomic** pipettes with **excellent accuracy and precision**
- Set up new workstations for every researcher with new, high quality pipettes

Sartorius ProLINE® Plus Pipettes

Dependable Durability



Mechanical single channel pipette

Fixed volume

Reference	Volume range (µl)	Safe-cone filters		Tip (µl)
		Standard	Plus	
BH728515	5	—	—	10
BH728520	10	—	—	10
BH728530	20	BH721014	BH721018	300, 350
BH728535	25	BH721008	—	300, 350
BH728545	50	BH721008	BH721018	300, 350
BH728550	100	BH721008	BH721018	300, 350
BH728560	200	BH721007	BH721017	300, 350
BH728565	250	BH721006	BH721016	1000
BH728567	500	BH721006	BH721016	1000
BH728570	1000	BH721006	BH721016	1000
BH728575	2000	BH721005	BH721015	5000
BH728580	5000	BH721005	BH721015	5000
BH728590	10000	BH721005	BH721015	10000



Mechanical single channel pipette

Adjustable volume

Reference	Volume range (µl)	Division (µl)	Safe-cone filters		Tip (µl)
			Standard	Plus	
BH728010	0,1-3	0,002	—	—	10
BH728020	0,5-10	0,01	—	—	10
BH728030	2-20	0,02	BH721014	—	300
BH728040	5-50	0,10	BH721008	BH721018	300
BH728050	10-100	0,10	BH721008	BH721018	300, 350
BH728060	20-2000	0,20	BH721007	BH721017	300, 350
BH728070	100-1000	1	BH721006	BH721016	1000
BH728080	500-5000	10	BH721005	BH721015	5000
BH728090	1000-10000	20	BH721005	BH721015	10000



Mechanical multichannel pipette

Adjustable volume

Reference	Channels	Volume range (µl)	Division (µl)	Safe-cone filters		Tip (µl)
				Standard	Plus	
BH725120	8	0,5-10	0,01	—	BH721018	10
BH725220	12	0,5-10	0,01	—	—	10
BH725130	8	10-100	0,10	BH721008	—	300, 350
BH725230	12	10-100	0,10	BH721008	BH721018	300, 350
BH725140	8	30-300	0,20	BH721007	BH721017	350
BH725240	12	30-300	0,20	BH721007	BH721017	350

Sartorius ProLINE® Plus Pipette Multipacks

Reliable Combo-Pack for Your Lab

Reference	Model	Number of pipettes	Pipette channel x Volume (µl)	Optifit Tips	Accessories included
LH-728670	Pipette 3-pack 10	3 x single channel	- 0,5–10 µl - 10–100 µl - 100–1,000 µl	96 tips of: - 0,1-10 µl - 0,5-200 µl - 10-1000 µl	Linear Stand
LH-728671	Pipette 3-pack 20	3 x single channel	1x 2-20 µl 1x 20-200 µl 1x 100-1000 µl	96 tips of: - 0,5-200 µl - 10-1000 µl	Linear Stand
LH-728672	Pipette 4-pack 20	4 x single channel	1x 0,5-10 µl 1x 2-20 µl 1x 20-200 µl 1x 100-1000 µl	96 tips of: - 0,1-10 µl - 0,5-200 µl - 10-1000 µl	Linear Stand
LH-728673	Pipette 4-pack 100	4 x single channel	1x 0,5-10 µl 1x 10-100 µl 1x 20-200 µl 1x 100-1000 µl	96 tips of: - 0,1-10 µl - 0,5-200 µl - 10-1000 µl	Linear Stand
LH-728674	Pipette 5 Pack 10	5 x single channel	1x 0,5–10 µl 1x 10-100 µl 1x 20-200 µl 1x 100-1000 µl 1x 500-5000	96 tips of: - 0,1-10 µl - 0,5-200 µl - 10-1000 µl 50 tips of: - 100-5000 µl	Linear Stand
LH-728675	Pipette 5 Pack 10	5 x single channel	1x 2–20 µl 1x 10-100 µl 1x 20-200 µl 1x 100-1000 µl 1x 500-5000	96 tips of: - 0,5-200 µl - 10-1000 µl 50 tips of: - 100-5000 µl	Linear Stand
LH-728676	Pipette 3+1 Pack	3 x single channel 1 x multichannel	1x 0,5–10 µl 1x 20-200 µl 1x 100-1000 µl 8x 30-300 µl	96 tips of: - 0,1-10 µl - 0,5-200 µl - 5-350 µl - 10-1000 µl	Linear Stand
LH-728677	Pipette 3 Pack max	3 x single channel	1x 100-1000 µl 1x 500-5000 µl 1x 500-10000 µl	96 tips of: - 10-1000 µl 50 tips of: - 100-5000 µl 35 tips of: - 500-10000 µl	Linear Stand



ProLINE® Plus General Information

- Low pipetting forces
- **Ergonomic** finger hook
- Easy volume setting with click stop mechanism
- Quick and **easy-to-read volume display** minimises risk of volume setting errors
- **Thermal insulation** of internal components improves accuracy
- **Easy to use** “do-it-yourself” calibration
- **Easy to clean** with only three parts to disassemble
- Fully **autoclavable**
- High chemical and UV-resistance
- High-quality standard Optifit tips for **various applications**
- Optiload tip loading mechanism allows tip loading with an equal constant force onto every channel and enables **perfect tip sealing** onto every individual tip cone

Sartorius ProLINE® Pipettes

Practical and reliable liquid-handling tool



Mechanical single channel pipette

Fixed volume

Reference	Volume range (µl)	Safe-cone filters		Tip (µl)
		Standard	Plus	
BH722001	5	—	—	10
BH722004	10	—	—	10
BH722010	20	BH721008	BH721018	200
BH722015	25	BH721008	BH721018	200
BH722020	50	BH721008	BH721018	200
BH722025	100	BH721007	BH721017	200
BH722030	200	BH721007	BH721017	200
BH722035	250	BH721006	BH721016	1000
BH722040	500	BH721006	BH721016	1000
BH722045	1000	BH721006	BH721016	1000
BH722050	2000	BH721005	BH721015	5000
BH722055	5000	BH721005	BH721015	5000



Mechanical single channel pipette

Adjustable volume

Reference	Volume range (µl)	Division (µl)	Safe-cone filters		Tip (µl)
			Standard	Plus	
BH720010	0,1-2,5	0,05	—	BH721018	10
BH720015	0,5-10	0,10	BH721008	—	10
BH720080	2-20	0,50	—	—	200
BH720025	5-50	0,50	BH721008	BH721018	200
BH720050	10-100	1	BH721007	BH721017	200
BH720070	20-200	1	BH721007	BH721018	200
BH720060	100-1000	5	BH721006	BH721016	1000
BH720110	1000-5000	50	BH721005	BH721015	5000



Mechanical multichannel pipette

Adjustable volume

Reference	Channels	Volume range (µl)	Division (µl)	Safe-cone filters	Tip (µl)
				Standard	
BH720210	8	0,5-10	0,10	—	10
BH720310	12	0,5-10	0,10	—	10
BH720220	8	5- 50	0,50	BH721014	200
BH720320	12	5-50	0,50	BH721014	200
BH720240	8	50-300	5	BH721014	350
BH720340	12	50-300	5	BH721014	350

Sartorius Tips

Volume range and size	Feature	Reference	Low retention	Purity level		Packaging	Pack unit
				RNase, DNase endotoxin free	Pre-sterilised		
0,1-10µl (31,5mm) 		BH790010		•		96 tips rack	10 x 96
		BH790012	•	•		96 tips rack	10 x 96
		BHLH-L790010		•	•	96 tips rack	10 x 96
		BH790011				refill tower	10 x 96
		BHLH-LF790011	•			refill tower	10 x 96
		BHLH-L790012		•	•	refill tower	20 x 96
		BH790013				bulk in box	1000
		BH790014				96 tips rack	10 x 96
0,1-10µl (31,5mm) 	With filter	BH790011F		•	•	96 tips rack	10 x 96
		BHLH-LF790021	•	•	•	96 tips rack	10 x 96
0,1-10µl (46mm) 	Extended	BH783210		•		96 tips rack	10 x 96
		BH783211		•	•	96 tips rack	10 x 96
0,1-10µl (46mm) 	Extended, with filter and regular air gap	BH783201		•	•	96 tips rack	10 x 96
0,5-20µl (51mm) 		BH790021F		•	•	96 tips rack	10 x 96
		BHLH-LF790101	•	•	•	96 tips rack	10 x 96
0,5-200µl (51mm) 		BH790200		•		96 tips rack	
		BHLH-L790200	•	•		96 tips rack	10 x 96
		BH790201		•	•	96 tips rack	10 x 96
		BH790202				96 tips rack	10 x 96
		BHLH-L790202	•			refill tower	10 x 96
		BH790203		•	•	refill tower	10 x 96
2-120µl (51mm) 	With filter	BH790101F		•	•	bulk in box	960
		BHLH-LF790101	•	•	•	96 tips rack	10 x 96
2-200µl (52,5mm) 	With filter	BH790201F		•	•	96 tips rack	10 x 96
		BHLH-LF790201	•	•	•	96 tips rack	10 x 96
5-300µl (52,5mm) 	With filter	BH790301F		•	•	96 tips rack	10 x 96
		BHLH-LF790301		•	•	96 tips rack	10 x 96
5-350µl (54mm) 		BH790350		•		96 tips rack	10 x 96
		BHLH-L790350	•	•		96 tips rack	10 x 96
		BH790351		•	•	96 tips rack	10 x 96
		BH790352				refill tower	10 x 96
		BHLH-790352	•			refill tower	10 x 96
		BH790353		•	•	refill pack	15 x 96
		BHLH-B790354				bulk in box	960

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Sartorius Tips

Volume range and size	Feature	Reference	Low retention	Purity level		Packaging	Pack unit
				RNase, DNase endotoxin free	Pre-sterilised		
10-1000µl (71,5mm)		BH791000	•	•		96 tips rack	10 x 96
		BHLH-L791000		•		96 tips rack	480
		BH791001		•	•	96 tips rack	1000
		BH791002		•		refill pack	10 x 96
		BH791003		•	•	refill pack	10 x 96
		BHLH-B791004				bulk in box	480
10-1000µl (68,5mm)	Wide bore tip 	BH791020		•		96 tips rack	10 x 96
		BH791021		•	•	96 tips rack	10 x 96
		BHLH-B791024				bulk in box	10 x 96
50-1000µl (78mm)	With filter 	BH791001F	•	•	•	96 tips rack	10 x 96
		BHLH-LF791001		•	•	96 tips rack	10 x 96
50-1200µl (71,5mm)		BH791200	•	•		96 tips rack	10 x 96
		BHLH-L791200		•		96 tips rack	10 x 96
		BH791201		•	•	96 tips rack	10 x 96
		BH791202		•		refill pack	10 x 96
		BH791203		•		refill pack	10 x 96
		BHLH-B791204				bulk in box	480
50-1200µl (90mm)	Extended 	BH791210	•	•		96 tips rack	10 x 96
		BHLH-L791210		•		96 tips rack	10 x 96
		BH791211		•	•	96 tips rack	10 x 96
		BH791212		•		refill pack	10 x 96
		BH791213		•	•	refill pack	10 x 96
50-1200µl (90mm)	With filter 	BH791211F	•	•	•	96 tips rack	10 x 96
		BHLH-LF791211		•	•	96 tips rack	10x96
100-5000µl (150mm)		BH780304		•		rack	50
		BH780305		•	•	rack	50
		BH780300				Bulk in box	100
		BH780308				Bulk in box	1000
1000-10000µl (155mm)		BHLH-780316				Bulk in box	250

Note: Tips illustrated in 1 to 1 scale for better guidance

Rainin Pipettes

Electronic multichannel pipette Rainin Pipet-Lite E4 XLS+

Adjustable spacer, for plates 24, 48 or 96 wells in various formats
Spacing: 6 channels (9-19mm), 8 channels (9-14mm), Cone LTS

Reference	Volume range (µl)	Model	Box
M17012327	20-300	EA6-300XLS	6
M17012328	100-1200	EA6-1200XLS	6
M17012329	5-50	EA8-50XLS	8
M17012330	20-300	EA8-300XLS	8
M17012331	100-1200	EA8-1200XLS	8



Mechanical multichannel pipette Rainin Pipet-lite XLS+

Adjustable spacer, for plates 24, 48 or 96 wells in various formats
Spacing: 6 channels (9-19mm), 8 channels (9-14mm), Cone LTS

Reference	Volume range (µl)	Model	Box
M17011841	20-300	LA6-300XLS	6
M17011840	100-1200	LA6-1200XLS	6
M17011844	5-50	LA8-50XLS	8
M17011843	20-300	LA8-300XLS	8
M17011842	100-1200	LA8-1200XLS	8



Positive displacement pipette Rainin Pos-D

For liquids with high densities, viscosities or vapour pressures.
Prevention of cross-contamination

Reference	Volume range (µl)
M17008575	0,5-10
M17008576	3-25
M17008577	20-50
M17008578	10-100
M17008579	50-250
M17008580	100-1000



Rainin Tips

Tips for Rainin Pos-D

For positive displacement pipette.

Reference	Volume range (µl)	Box
M17008604	10	180 tip, 3x60 units
M17008605	25	180 tip, 3x60 units
M17008606	50	180 tip, 3x60 units
M17008607	100	180 tip, 3x60 units
M17008608	250	180 tip, 3x60 units
M17008609	1000	180 tip, 3x60 units



CAPP Bravo Pipettes

Lightweight and user friendly manual pipette



Single channel pipette

Variable volume

Reference	Volume Range (µl)	Inaccuracy (%)	Imprecision (%)
CPB02-1	0,1-2µl	12,00/2,00	6,00/1,00
CPB10-1	0,5-10µl	2,50/1,00	1,80/0,50
CPB20-1	2-20µl	5,00/1,00	1,50/0,30
CPB50-1	5-50µl	2,00/1,00	1,20/0,30
CPB100-1	10-100µl	2,50/0,70	1,00/0,20
CPB200-1	20-200µl	2,50/0,60	0,70/0,20
CPB1000-1	100-1000µl	2,00/0,80	0,60/0,20
CPB5000-1	1-5ml	1,20/0,60	0,30/0,15
CPB10000-1	1-10ml	3,00/0,60	0,60/0,15



Single channel pipette

Fixed volume

Reference	Volume Range (µl)	Inaccuracy (%)	Imprecision (%)
CPB01-1F	1µl	2,50	1,80
CPB02-1F	2µl	2,00	1,00
CPB05-1F	5µl	1,20	0,80
CPB10-1F	10µl	1,00	0,50
CPB20-1F	20µl	1,00	0,30
CPB50-1F	50µl	1,00	0,30
CPB100-1F	100µl	0,70	0,20
CPB200-1F	200µl	0,60	0,20
CPB500-1F	500µl	0,80	0,15
CPB1000-1F	1000µl	0,80	0,20
CPB5000-1F	5ml	0,60	0,15
CPB10000-1F	10ml	0,60	0,15

CAPP Ecopipettes

Extended lifetime from renewable and durable resources



Single channel pipette

Variable volume

Reference	Volume Range (µl)	Inaccuracy (%)	Imprecision (%)
CPC02-1S	0,2-2µl	12,00/2,00	6,00/1,00
CPC02-1	0,2-2µl	12,00/2,00	6,00/1,00
CPC10-1	0,5-10µl	2,50/1,00	1,80/0,50
CPC20-1	2-20µl	5,00/1,00	1,50/0,30
CPC50-1	5-50µl	2,00/1,00	1,20/0,30
CPC100-1	10-100µl	2,50/0,70	1,00/0,20
CPC200-1	20-200µl	2,50/0,60	0,70/0,20
CPC1000-1	100-1000µl	2,00/0,80	0,60/0,20
CPB5000-1	1-5ml	1,20/0,60	0,30/0,15

Single channel pipette

Fixed volume

Reference	Volume Range (µl)	Inaccuracy (%)	Imprecision (%)
CPC02-1S-001	1µl	2,50	1,80
CPC10-1-005	5µl	1,20	0,80
CPC10-1-010	10µl	1,00	0,50
CPC50-1-020	20µl	1,00	0,30
CPC50-1-025	25µl	0,80	0,35
CPC100-1-030	30µl	1,16	0,40
CPC200-1-050	50µl	1,00	0,30
CPC200-1-100	100µl	0,70	0,20
CPC200-1-200	200µl	0,60	0,20
CPC1000-1-500	500µl	0,80	0,15
CPC1000-1-1000	1000µl	0,80	0,20
CPC5000-1A-5000	5000µl	0,60	0,15



CAPP Aero96

Easy and light tip mounting and ejection

Multichannel pipette

Fixed volume

Reference	Channels	Volume Range (µl)	Inaccuracy (%)	Imprecision (%)
CPC10-8	8	0,5-10µl	5,00/2,00	3,60/1,00
CPC20-8	8	2-20µl	5,00/2,00	3,60/1,00
CPC50-8	8	5-50µl	3,20/1,40	1,60/0,60
CPC100-8	8	10-100µl	2,50/1,30	1,20/0,50
CPC200-8	8	20-200µl	1,80/1,20	0,80/0,40
CPC300-8	8	30-300µl	1,66/1,40	0,60/0,30
CPC10-12	12	0,5-10µl	5,00/2,00	3,60/1,00
CPC20-12	12	2-20µl	5,00/2,00	3,60/1,00
CPC50-12	12	5-50µl	3,20/1,40	1,60/0,60
CPC100-12	12	10-100µl	2,50/1,30	1,20/0,50
CPC200-12	12	20-200µl	1,80/1,20	0,80/0,40
CPC300-12	12	30-300µl	1,66/1,40	0,60/0,30



CAPP Tips



Expell and ExpellPlus Filter Tips

Reference	Description	Pack unit
CP5030030C	ExpellPlus 10μL, pre-sterile w/ filter, hinged racks	5x10x96
CP5130030C	Expell 10μL, pre-sterile w/ filter, hinged racks	5x10x96
CP5131030C	Expell 10μL, bag, w/ filter	20x1000
CP5030060C	ExpellPlus 10μL XL, pre-sterile w/ filter, hinged racks	5x10x96
CP5130060C	Expell 10μL XL, pre-sterile w/ filter, hinged racks	5x10x96
CP5131060C	Expell 10μL XL, bag, w/ filter	20x1000
CP5030061C	ExpellPlus 10μL XL, Extra Narrow, pre-sterile w/ filter, hinged racks	5x10x96
CP5130061C	Expell 10μL XL, Extra Narrow, pre-sterile w/ filter, hinged racks	5x10x96
CP5131061C	Expell 10μL XL, Extra Narrow, bag, w/ filter	20x1000
CP5030062C	ExpellPlus 20μL, pre-sterile w/ filter, hinged racks	5x10x96
CP5130062C	Expell 20μL, pre-sterile w/ filter, hinged racks	5x10x96
CP5131062C	Expell 20μL, bag, w/ filter	10x1000
CP5030066C	ExpellPlus 100μL, pre-sterile w/ filter, hinged racks	5x10x96
CP5130066C	Expell 100μL, pre-sterile w/ filter, hinged racks	5x10x96
CP5131066C	Expell 100μL, bag, w/ filter	10x1000
CP5030090C	ExpellPlus 200μL, pre-sterile w/ filter, hinged racks	5x10x96
CP5130090C	Expell 200μL, pre-sterile w/ filter, hinged racks	5x10x96
CP5131090C	Expell 200μL, bag, w/ filter	10x1000
CP5030115C	ExpellPlus 300μL, pre-sterile w/ filter, hinged racks	5x10x96
CP5130150C	Expell 1000μL, pre-sterile w/ filter, hinged racks	4x8x96
CP5131150C	Expell 1000μL, bag, w/ filter	10x1000
CP5130123C	Expell 1250μL XL, pre-sterile w/ filter, hinged racks	4x8x96



Expell and ExpellPlus individually wrapped tips

Reference	Description	Pack unit
CP5030012C	ExpellPlus 10μL, pre-sterile, clear, bag	5x400 individually wrapped
CP5030042C	ExpellPlus 10μL XL, pre-sterile, long, clear, bag	5x400 individually wrapped
CP5030072C	ExpellPlus 200μL, pre-sterile, clear, bag	5x400 individually wrapped
CP5130132C	Expell 1000μL (1250μL), pre-sterile, clear, bag	5x200 individually wrapped

ExpellPlus Low Retention Non-Filter Tips

Reference	Description	Pack unit
CP5030010C	ExpellPlus 10μL, pre-sterile, clear, bag, pcs.	20x1000
CP5030012C	ExpellPlus 10μL, pre-sterile, clear, bag, pcs.	5x400 individually wrapped
CP5030020C	ExpellPlus 10μL, pre-sterile, hinged racks, pcs.	5x10x96
CP5030040C	ExpellPlus 10μL XL, pre-sterile, clear, bag	20x1000
CP5030042C	ExpellPlus 10μL XL, pre-sterile, clear, bag	5x400 individually wrapped
CP5030050C	ExpellPlus 10μL XL, pre-sterile, hinged racks	5x10x96
CP5030051C	ExpellPlus 10μL XL, Extra Narrow, pre-sterile, hinged racks	5x10x96
CP5030070C	ExpellPlus 200μL, pre-sterile, clear, bag	30x1000
CP5030072C	ExpellPlus 200μL, pre-sterile, clear, bag	5x400 individually wrapped
CP5030080C	ExpellPlus 200μL, pre-sterile, hinged racks	5x10x96
CP5130110C	ExpellPlus 300μL, pre-sterile, hinged racks	5x10x96

ExpellPlus Low Retention Filter Tips

Reference	Description	Pack unit
CP5030030C	ExpellPlus 10µL, pre-sterile w/ filter, hinged racks	5x10x96
CP5030060C	ExpellPlus 10µL XL, pre-sterile w/ filter, hinged racks	5x10x96
CP5030061C	ExpellPlus 10µL XL, Extra Narrow, pre-sterile w/ filter, hinged racks	5x10x96
CP5030062C	ExpellPlus 20µL, pre-sterile w/ filter, hinged racks	5x10x96
CP5030066C	ExpellPlus 100µL, pre-sterile w/ filter, hinged racks	5x10x96
CP5030090C	ExpellPlus 200µL, pre-sterile w/ filter, hinged racks	5x10x96
CP5030115C	ExpellPlus 300µL, pre-sterile w/ filter, hinged racks	5x10x96

Expell and ExpellPlus Racked Tips

Reference	Description	Pack unit
CP5030015C	Expell 10µL, hinged racks	5x10x96
CP5030020C	ExpellPlus 10µL, pre-sterile, hinged racks	5x10x96
CP5030030C	ExpellPlus 10µL, pre-sterile w/ filter, hinged racks	5x10x96
CP5130030C	Expell 10µL, pre-sterile w/ filter, hinged racks	5x10x96
CP5030045C	Expell 10µL XL, hinged racks	5x10x96
CP5030046C	Expell 10µL XL, Extra Narrow, hinged racks	5x10x96
CP5030050C	ExpellPlus 10µL XL, pre-sterile, hinged racks	5x10x96
CP5030051C	ExpellPlus 10µL XL, Extra Narrow, pre-sterile, hinged racks	5x10x96
CP5030060C	ExpellPlus 10µL XL, pre-sterile w/ filter, hinged racks	5x10x96
CP5130060C	Expell 10µL XL, pre-sterile w/ filter, hinged racks	5x10x96
CP5030061C	ExpellPlus 10µL XL, Extra Narrow, pre-sterile w/ filter, hinged racks	5x10x96
CP5130061C	Expell 10µL XL, Extra Narrow, pre-sterile w/ filter, hinged racks	5x10x96
CP5030062C	ExpellPlus 20µL, pre-sterile w/ filter, hinged racks	5x10x96
CP5130062C	Expell 20µL, pre-sterile w/ filter, hinged racks	5x10x96
CP5030066C	ExpellPlus 100µL, pre-sterile w/ filter, hinged racks	5x10x96
CP5130066C	Expell 100µL, pre-sterile w/ filter, hinged racks	5x10x96
CP5030075C	Expell 200µL, hinged racks	5x10x96
CP5030080C	ExpellPlus 200µL, pre-sterile, hinged racks	5x10x96
CP5030090C	ExpellPlus 200µL, pre-sterile w/ filter, hinged racks	5x10x96
CP5130090C	Expell 200µL, pre-sterile w/ filter, hinged racks	5x10x96
CP5130105C	Expell 300µL, hinged racks	5x10x96
CP5130110C	ExpellPlus 300µL, pre-sterile, hinged racks	5x10x96
CP5030115C	ExpellPlus 300µL, pre-sterile w/ filter, hinged racks	5x10x96
CP5130135C	Expell 1000µL (1250µL), hinged racks	4x8x96
CP5130140C	Expell 1000µL (1250µL), pre-sterile, hinged racks	4x8x96
CP5130150C	Expell 1000µL, pre-sterile w/ filter, hinged racks	4x8x96
CP5130121C	Expell 1250µL XL, hinged racks	4x8x96
CP5130122C	Expell 1250µL XL, pre-sterile, hinged racks	4x8x96
CP5130123C	Expell 1250µL XL, pre-sterile w/filter, hinged racks	4x8x96
CP5130165C	Expell 5000µL, pre-sterile, racks	10x50
CP5130195C	Expell 10000µL, pre-sterile, racks	10x25



Expell Reload System

Reference	Description	Pack unit
CP5030035C	Expell 10µL, reload	10x10x96
CP5030034C	Empty rack for 10µL reload tips	50
CP5030055C	Expell 10µL XL, reload	10x10x96
CP5030054C	Empty rack for 10µL XL tips	50
CP5030095C	Expell 200µL, reload	10x10x96
CP5030094C	Empty rack for 200µL reload tips	50
CP5130155C	Expell 1000µL (1250µL), reload	10x5x96
CP5130125C	Empty rack for 1000µL (1250µL) reload tips	32

CAPP Tips

Expell Bulk Filter Tips

Reference	Description	Pack unit
CP5131030C	Expell 10 μ L, bag, w/ filter	5x1000
CP5131060C	Expell 10 μ L XL, bag, w/ filter	20x1000
CP5131061C	Expell 10 μ L XL, Extra Narrow, bag	20x1000
CP5131062C	Expell 20 μ L, bag, w/ filter	10x1000
CP5131066C	Expell 100 μ L, bag, w/ filter	10x1000
CP5131090C	Expell 200 μ L, bag, w/ filter	10x1000
CP5131150C	Expell 1000 μ L, bag, w/ filter	10x1000

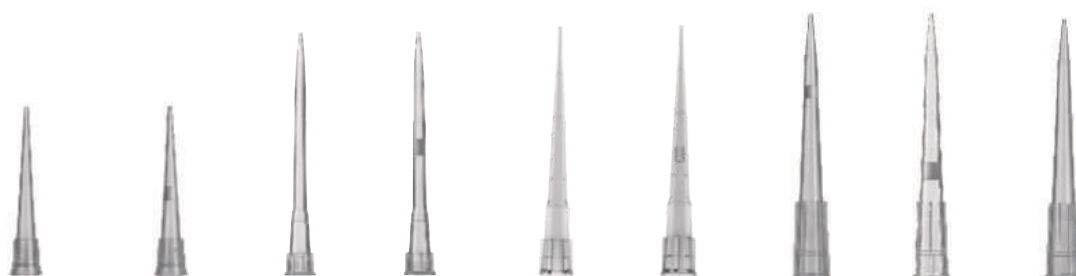
Expell and ExpellPlus Bulk Non-Filter Tips

Reference	Description	Pack unit
CP5130010C	Expell 10 μ L, clear, bag	20x1000
CP5030010C	ExpellPlus 10 μ L, pre-sterile, clear, bag	20x1000
CP5030012C	ExpellPlus 10 μ L, pre-sterile, clear, bag	5x400 individually wrapped
CP5130040C	Expell 10 μ L XL, clear, bag	20x1000
CP5030040C	ExpellPlus 10 μ L XL, pre-sterile, clear, bag	20x1000
CP5130041C	Expell 10 μ L XL, Extra Narrow, clear, bag	20x1000
CP5030042C	ExpellPlus 10 μ L XL, pre-sterile, clear, bag	5x400 individually wrapped
CP5130070C	Expell 200 μ L, clear, bag	30x1000
CP4130075C	Expell 200 μ L, yellow, bag	30x1000
CP5030070C	ExpellPlus 200 μ L, pre-sterile, clear, bag	30x1000
CP5030072C	ExpellPlus 200 μ L, pre-sterile, clear, bag	5x400 individually wrapped
CP5130100C	Expell 300 μ L, clear, bag	10x1000
CP5130130C	Expell 1000 μ L (1250 μ L), clear, bag	10x1000
CP4130135C	Expell 1000 μ L (1250 μ L), blue, bag	10x1000
CP5130132C	Expell 1000 μ L (1250 μ L), pre-sterile, clear, bag	5x200 individually wrapped
CP5130120C	Expell 1250 μ L XL, clear, bag	8x 500
CP5130160C	Expell 5000 μ L, clear, bag	10x250
CP5130190C	Expell 10000 μ L, clear, bag	5x200



CAPP Tips

Expell and ExpellPlus Compatibility Chart



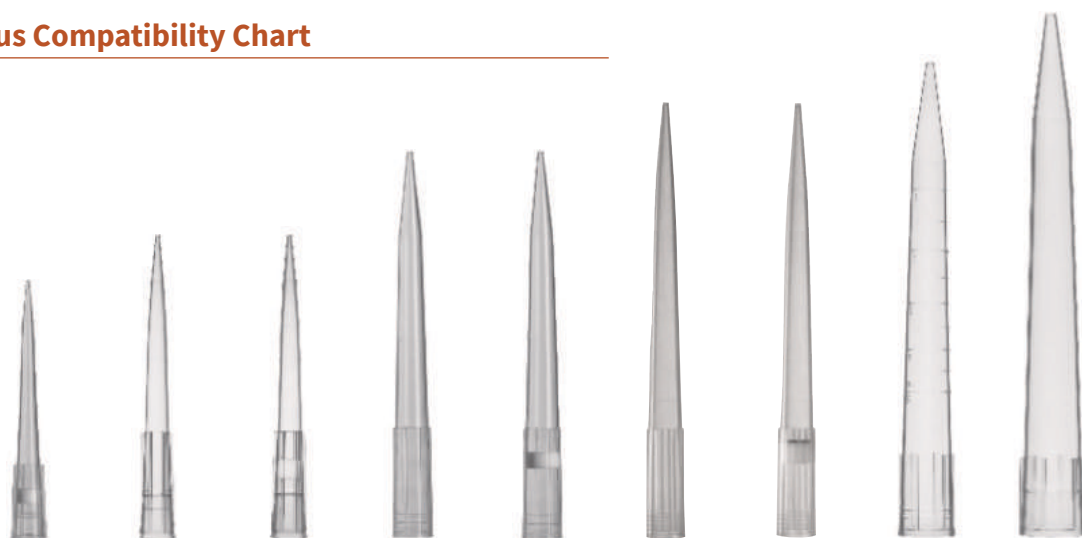
Reference	CP5130010C	CP5030030C	CP5130040C	CP5030060C	CP5130041C	CP5030061C	CP5030062C	CP5030066C	CP5130070C
	CP5030010C	CP5130030C	CP5030040C	CP5130060C	CP5030041C	CP5130061C	CP5130062C	CP5130066C	CP5030070C
	CP5030012C	CP5131030C	CP5030042C	CP5131060C	CP5030046C	CP5131061C	CP5131062C	CP5131066C	CP5030072C
	CP5030015C		CP5030045C		CP5030051C				CP4130075C
			CP5030050C						CP5030080C
			CP5030055C						CP5030095C
Capp Bravo, ecopipette and CappAero single channel pipette	0,2-2µl 0,5-10µl	0,2-2µl 0,5-10µl	0,2-2µl 0,5-10µl	0,2-2µl 0,5-10µl	0,2-2µl 0,5-10µl	0,2-2µl 0,5-10µl	2-20µl	5-50µl 10-100µl	2-20µl 5-50µl 10-100µl 20-200µl
Capp electronic pipettes and CappAero single channel pipette	0,5-10µl 2-20µl	0,5-10µl 2-20µl	0,5-10µl 2-20µl	0,5-10µl 2-20µl	0,5-10µl 2-20µl	0,5-10µl 2-20µl	–	5-50µl 10-100µl	5-50µl 10-100µl 20-200µl
Biohy eline, mline, Proline Plus	0,1-3µl 0,5-10µl	0,1-3µl 0,5-10µl	0,1-3µl 0,5-10µl	0,1-3µl 0,5-10µl	0,1-3µl 0,5-10µl	0,1-3µl 0,5-10µl	2-20µl	2-20µl 10-100µl	2-20µl 10-100µl 20-200µl
Brand Transferpette, Transferpette S, Transferpette Electronic	0,5-10µl	0,5-10µl	0,5-10µl	0,5-10µl	0,5-10µl	0,5-10µl	2-20µl	–	2-20µl 10-100µl 20-200µl
Eppendorf Reference, Research Plus	0,1-2,5µl 0,5-10µl	0,5-10µl	0,1-2,5µl 0,5-10µl	0,1-2,5µl 0,5-10µl	0,1-2,5µl 0,5-10µl	0,1-2,5µl 0,5-10µl	2-20µl	2-20µl 10-100µl	2-20µl 10-100µl 20-200µl
Finnpipette Digital	0,5-10µl	0,5-10µl	0,5-10µl	0,5-10µl	0,5-10µl	0,5-10µl	2-20µl	5-50µl	2-20µl 5-50µl 20-200µl
Gilson Pipetman	0,2-2µl 1-10µl	0,2-2µl 1-10µl	0,2-2µl 1-10µl	0,2-2µl 1-10µl	0,2-2µl 1-10µl	0,2-2µl 1-10µl	2-20µl	2-20µl 10-100µl	2-20µl 20-100µl 50-200µl
Rainin Classic, universal shaft (non LTS)	0,1-2µl 0,5-10µl	0,1-2µl 0,5-10µl	0,2-2µl 1-10µl	0,1-2µl 0,5-10µl	0,2-2µl 1-10µl	0,1-2µl 0,5-10µl	2-20µl	2-20µl 10-100µl	2-20µl 10-100µl 20-200µl
VWR, Labnet, HTL mechanical pipettes	0,1-2µl 0,5-10µl	0,1-2 0,5-10µl	0,2-2µl 1-10µl	0,1-2µl 0,5-10µl	0,2-2µl 1-10µl	0,1-2µl 0,5-10µl	2-20µl	2-20µl 10-100µl	2-20µl 10-100µl 20-200µl

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CAPP Tips

Expell and ExpellPlus Compatibility Chart



Reference	CP5030090C CP5130090C CP5131090C	CP5130100C CP5130105C CP5130110C	CP5030115C	CP5130130C CP5130132C CP4130135C CP5130135C CP5130140C CP5130155C	CP5130150C CP5131150C	CP5130120C CP5130121C CP5130122C	CP5130123C	CO5130160C CP5130165C	CP5130190C CP5130195C
Capp Bravo, ecopipette and CappAero single channel pipette	2-20µl 5-50µl 10-100µl 20-200µl	2-20µl 5-50µl 10-100µl 20-200µl	2-20µl 5-50µl 10-100µl 20-200µl	100-1000µl	100-1000µl	100-1000µl	100-1000µl	1-5ml	1-10ml
Capp electronic pipettes and CappAero single channel pipette	5-50µl 10-100µl 20-200µl	5-50µl 10-100µl 20-200µl 30-300µl	5-50µl 10-100µl 20-200µl 30-300µl	100-1200µl	100-1200µl	100-1200µl	100-1200µl	500-5000µl	–
Biohy eline, mline, Proline Plus	10-100µl 20-200µl	2-20µl 10-100µl 20-200µl	2-20µl 10-100µl 20-200µl	100-1000µl	100-1000µl	100-1000µl	100-1000µl	–	1-10ml
Brand Transferpette, Transferpette S, Transferpette Electronic	20-200µl	20-200µl 15-300µl	20-200µl 15-300µl	100-1000µl	100-1000µl	100-1000µl	100-1000µl	–	–
Eppendorf Reference, Research Plus	20-200µl	10-100µl 20-200µl 30-300µl	10-100µl 20-200µl 30-300µl	100-1000µl	100-1000µl	100-1000µl	100-1000µl	–	1-10ml
Finnpipette Digital	5-50µl 20-200µl	5-50µl 20-200µl 30-300µl	5-50µl 20-200µl 30-300µl	100-1000µl 200-1000µl	100-1000µl 200-1000µl	100-1000µl 200-1000µl	100-1000µl 200-1000µl	–	–
Gilson Pipetman	2-20µl 10-100µl 20-200µl	2-20µl 10-100µl 20-200µl	2-20µl 10-100µl 20-200µl	100-1000µl 200-1000µl	100-1000µl 200-1000µl	100-1000µl 200-1000µl	100-1000µl 200-1000µl	1-5ml	1-10ml
Rainin Classic, universal shaft (non LTS)	2-20µl 10-100µl 20-200µl	2-20µl 10-100µl 20-200µl	2-20µl 10-100µl 20-200µl	100-1000µl	100-1000µl	100-1000µl	100-1000µl	1-5ml	1-10ml
VWR, Labnet, HTL mechanical pipettes	2-20µl 10-100µl 20-200µl	2-20µl 10-100µl 20-200µl	2-20µl 10-100µl 20-200µl	100-1000µl	100-1000µl	100-1000µl	100-1000µl	1-5ml	1-10ml

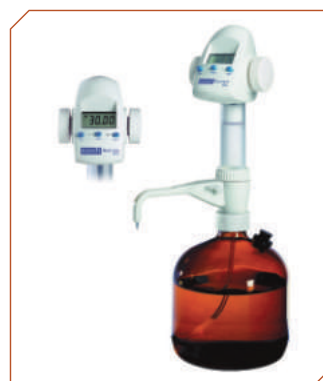
Vitlab Digital Burette Continuous

Reference	Type	Volume range (µl)	Systematic error (%)	Random error (%)
V1620506	E	2,5	$\leq \pm 0,2-25$ ml	$\leq 0,1-25$ ml
V1620507	RS	5	$\leq \pm 0,2-50$ ml	$\leq 0,1-50$ ml



Sartorius Digital burette Biotrate

Reference	Volume range (µl)	Division (µl)	Systematic error (%)	Random error (%)
BH723054	0-30	0,01	0,2	0,1
BH723055	0-50	0,01	0,2	0,1
BHLH-723080	0-10	0,01	0,3	0,1
BHLH-723081	0-20	0,01	0,2	0,1
BHLH-723082	0-50	0,01	0,2	0,1



Rainin Dispenser Disp-X

Chemically resistant

Reference	Model	Volume range (ml)	Division (ml)	Random error (%)
M17011769	DX-5EU	0,5-10	0,1	$\leq 0,5$
M17011771	DX-10EU	1-10	0,2	$\leq 0,5$
M17011773	DX-25EU	2,5-25	0,5	$\leq 0,5$
M17011775	DX-50EU	5-50	1	$\leq 0,5$



Vitlab Dispenser Genius²

For organic and inorganic solvents. Recirculation valve. Adjustable volume

Reference	Volume range (ml)	Division (ml)	Systematic error (%)	Random error (%)
V1625503	0,25-2,5	0,05	$\leq \pm 0,6$	$\leq 0,1$
V1625504	0,5-5	0,1	$\leq \pm 0,5$	$\leq 0,1$
V1625505	1-10	0,2	$\leq \pm 0,5$	$\leq 0,1$
V1625506	2,5-25	0,5	$\leq \pm 0,5$	$\leq 0,1$
V1625507	5-50	1	$\leq \pm 0,5$	$\leq 0,1$
V1625508	10-100	2	$\leq \pm 0,5$	$\leq 0,1$





Vitelab Dispenser simplex²

for organic and inorganic solvents, adjustable volume

Reference	Volume (ml)	Division (ml)	Systematic error (%)	Random error (%)
V1621503	0,25-2,5	0,05	$\leq \pm 0,6$	$\leq 0,1$
V1621504	0,5-5	0,1	$\leq \pm 0,5$	$\leq 0,1$
V1621505	1-10	0,2	$\leq \pm 0,5$	$\leq 0,1$
V1621506	2,5-25	0,5	$\leq \pm 0,5$	$\leq 0,1$
V1621507	5-50	1	$\leq \pm 0,5$	$\leq 0,1$
V1621508	10-100	2	$\leq \pm 0,5$	$\leq 0,1$
V1622502*	1	—	$\leq \pm 0,6$	$\leq 0,1$
V1622504*	5	—	$\leq \pm 0,5$	$\leq 0,1$
V1622505*	10	—	$\leq \pm 0,5$	$\leq 0,1$

*fixed volume



Vitelab Dispenser Piccolo

For dispensing tiny quantities of liquids in all areas of biochemical and medical research.

Reference	Volume (ml)	Division (ml)	Systematic error (%)	Random error (%)
V1610501	100	$\leq \pm 3,0$	$\leq 0,4$	1
V1610502	200	$\leq \pm 2,5$	$\leq 0,4$	1
V1610503	250	$\leq \pm 2,0$	$\leq 0,4$	1
V1610504	500	$\leq \pm 1,5$	$\leq 0,3$	1
V1610506	1000	$\leq \pm 1,0$	$\leq 0,2$	1
V1611503	100-250	$\leq \pm 2,0$	$\leq 0,4$	2
V1611506	500-1000	$\leq \pm 1,0$	$\leq 0,2$	2
V1611508	1000-2000	$\leq \pm 1,0$	$\leq 0,2$	2



Vitelab Dispenser TA

For solvents with high purity, acids and highly concentrated bases

Use with HF (fluorhydric acid)

Reference	Volume (ml)	Valve spring	Recirculation	Systematic error (%)	Random error (%)
V1607515	1-10	platinum-iridium	no	$\leq \pm 0,5$	$\leq 0,1$
V1607525	1-10	platinum-iridium	yes	$\leq \pm 0,5$	$\leq 0,1$
V1607535	1-10	tantalum	no	$\leq \pm 0,5$	$\leq 0,1$
V1607545	1-10	tantalum	yes	$\leq \pm 0,5$	$\leq 0,1$



Sartorius Dispenser Prospenser

With anti-drip safety valve or closure cap. Bottle not included

Reference	Volume (ml)	Division (ml)	Systematic error (%)	Random error (%)
BLH-723060	0,2-1	0,05	0,6	0,2
BLH-723061	0,4-2	0,05	0,6	0,2
BLH-723062	1-5	0,10	0,6	0,2
BLH-723063	2-10	0,25	0,6	0,2
BLH-723064	5-30	0,50	0,6	0,2
BLH-723065	10-60	1,00	0,6	0,2

Sartorius Dispenser Prospenser Plus

With anti-drip safety valve or closure cap. Bottle not included

Reference	Volume (ml)	Division (ml)	Systematic error (%)	Random error (%)
BLH-723070	0,2-1	0,05	0,6	0,2
BLH-723071	0,4-2	0,05	0,6	0,2
BLH-723072	1-5	0,10	0,6	0,2
BLH-723073	2-10	0,25	0,6	0,2
BLH-723074	5-30	0,50	0,6	0,2
BLH-723075	10-60	1,00	0,6	0,2



Pipette controller

Reference	Model	Feature
BH710931	Midi Plus®	with universal AC-adaptor (1-100ml)
BHLH-7129120	Midi Plus®	replacement filter, 0,45 µm, autoclavable (5 units)
BHLH-711017	Midi Plus®	adapter set for 5 ml tip
BHLH-711018	Midi Plus®	adapter set for 10 ml tip
BH780300	Midi Plus®	5 ml tip (150mm) - 100 units
BH780310	Midi Plus®	10 ml extended tip (242 mm) - 100 units
V1631500	Pipeo®	with battery charger (0,1-100ml)
V1630500	Maneus®	(0,1-100ml) autoclavable (2 bar)
M17011733	Pipet-X®	PX-100, with battery (0,1-100ml)
V1670647	Maneus®	membrane filter, 0,2 µm steril
V1670650	Pipet-X®	membrane filter, 0,3 µm non-steril



Accessories

Pipette filler

Pompete, with 3 valves

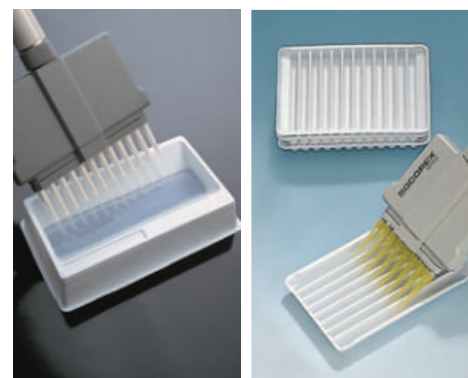
Reference	Feature
V104099	Pompete with 3 valves, for pipettes up to 10 ml
719200	Pompete with 3 valves, for pipettes up to 25 ml
V104199	Pompete with 3 valves, for pipettes up to 100 ml
719201	Pipetting bulb, autoclavable
7W-100	For pipettes up to 2ml, blue
7W-110	For pipettes up to 10ml, green
7W-120	For pipettes up to 25ml, red



Universal Reagent Reservoir

Individually wrapped

Reference	Capacity (ml)	Feature	Size (mm)	Sterile	Box
7M-203	25	—	—	no	5 x 10
7330089	40	8 channel	83 x 126 x 13	no	10
7330129	40	12 channel	126 x 83 x 13	yes	10
7M-200	150	—	—	no	50
7M-210	150	—	—	yes	50
BH783500	120	autoclavable	—	no	16





Sartorius Safe-cone Filters

Polyethylene

Reference	Feature	Box
BH721008	standard, diameter 2,51 mm	50
BH721007	standard, diameter 3,15 mm	50
BH721006	standard, diameter 5,33 mm	50
BH721005	standard, diameter 6,73 mm	50
BH721014	standard, diameter 1,83 mm	50
BH721018	plus, diameter 2,51 mm	50
BH721017	plus, diameter 3,15 mm	50
BH721016	plus, diameter 5,33 mm	50
BH721015	plus, diameter 6,73 mm	50



1



2



3



4

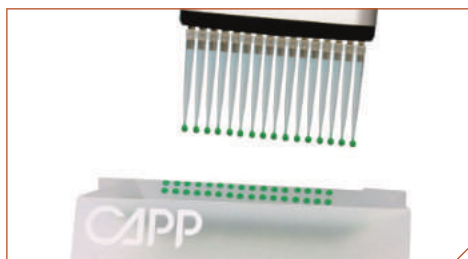


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Sartorius Pipette support

Polyethylene

Reference	Picture n°	Feature
BH725620	1	Linear stand for all pipette models
BH725610	2	Holder for 1 mechanical pipette
BH725600	3	Carousel stand for 6 mechanical pipettes
BH730981	4	Charging stand for 1 electronic pipette (includes universal AC-adaptor)
BH730991	5	Charging stand for 4 electronic pipette (includes universal AC-adaptor)



Capp Reagent Reservoirs CappOrigami

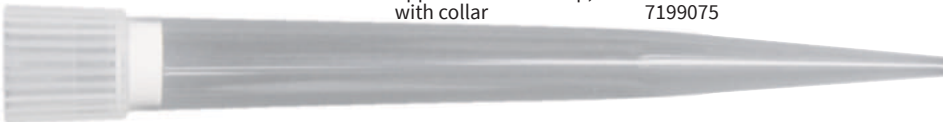
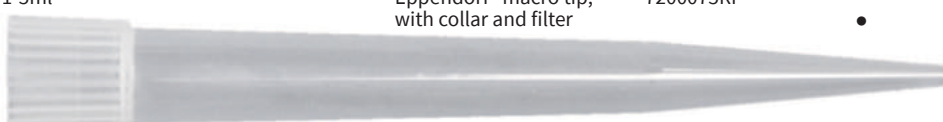
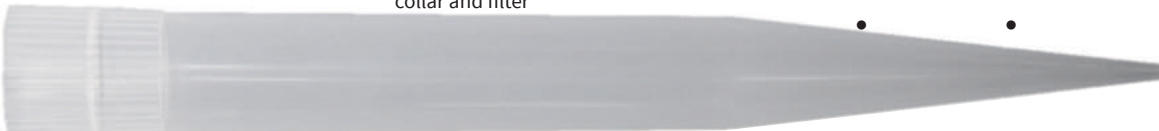
Reference	Description	Pack unit
CPCA40505	CappOrigami 30ml (8- and 16-channel pipettes)	50
CPCA40506	CappOrigami 30ml (8- and 16-channel pipettes)	10x5 (Pre-Sterile)
CPCA40510	CappOrigami 40ml (12-channel pipettes)	50
CPCA40511	CappOrigami 40ml (12-channel pipettes)	10x5 (Pre-Sterile)

Universal Tips

Volume range and size	Feature	Reference	Purity level		Packaging	Pack unit
			RNase, DNase endotoxin free	Pre-sterilised		
Suitable (not exclusive): Gilson®, Eppendorf®, Dsg®, Elkay®, Finnpiquette®, Genex®, Jencons®, Nichiryo®, HTL®						
0,1-10µl		7200024 7199084RC			Tips in bulk 96 tips rack	20 x 1000 10 x 96
0,1-10µl		With Filter	7326-19 7327-19	●	●	Tips in bulk 96 tips rack
Suitable (not exclusive): Gilson®, Eppendorf®, Dsg®, Elkay®, Finnpiquette®, Genex®, Jencons®, Socorex®, Nichiryo®, HTL®						
0-200µl	Yellow, Gilson® model	6502004			Tips in bulk	1000
2-200µl		7200078 7199078RC 7199078N			Tips in bulk 96 tips rack 96 tips rack	25 x 1000 10 x 96 10 x 96
		Bevelled				
Suitable (not exclusive): Gilson®, Eppendorf®, Brand®, Dsg®, Elkay®, Finnpiquette®, Genex®, Jencons®, Kartell®, Socorex®, Nichiryo®, HTL®						
2-200µl		7200072 7199014RC 7199014N	●	●	Tips in bulk 96 tips in rack 96 tips in rack	25 x 1000 10 x 96 10 x 96
2-100µl		With filter	7327-33 7327-33R	●	●	96 tips rack 96 tips rack
Suitable (not exclusive): Gilson®, Eppendorf®, Dsg®, Elkay®, Finnpiquette®, Genex®, Jencons®, Socorex®, Nichiryo®, HTL®, Thermo®						
2-200µl		7200076 7200076R			Tips in bulk 96 tips in rack	25 x 1000 10 x 96
2-200µl		With filter	7200076RF	●	●	96 tips rack
Suitable (not exclusive): Gilson®, Eppendorf®, Brand®, Dsg®, Elkay®, Finnpiquette®, Genex®, Jencons®, Socorex®, Nichiryo®, HTL®						
5-200µl		7200009 7200009B 7200009R		●	Tips in bulk individually 96 tips rack	25 x 1000 200 10 x 96
Suitable (not exclusive): Gilson®, Eppendorf®, Dsg®, Elkay®, Finnpiquette®, Genex®, Jencons®, Nichiryo®, Menarini®						
100-1000µl	Blue	7200012 7200012B 7200012R		●	Tips in bulk individually 96 tips rack	10 x 1000 175 10 x 96
100-1000µl	Natural	7200070 7200070R 7200070NR	●	●	Tips in bulk 96 tips rack 96 tips rack	10 x 1000 10 x 96 10 x 96
100-1000µl	With filter	7327-30 7327-30R	●	●	Tips in bulk 96 tips rack	10 x 1000 10 x 96
200-1000µl	Blue. Enpendorf® model	6502002			Tips in bulk	1000

Note: Tips illustrated in 1 to 1 scale for better guidance

Universal Tips

Volume range and size	Feature	Reference	Purity level		Packaging	Pack unit
			RNase, DNase endotoxin free	Pre-sterilised		
Suitable (not exclusive): Gilson®, Eppendorf®, Dsg®, Elkay®, Finnpiquette®, Genex®, Jencons®, Nichiryo®, HTL®						
100-1000µl	Blue	7200080.1 7200080.1R			Tips in bulk 96 tips rack	10 x 1000 10 x 96
						
100-1000µl	Natural	7200082 7200082R 7200082NR		●	Tips in bulk 96 tips rack 96 tips rack	20 x 1000 10 x 96 10 x 96
						
100-1000µl	With Filter	7200082F 7327-16		●	Tips in bulk 96 tips rack	10 x 1000 10 x 96
						
Suitable (not exclusive): Eppendorf®, Dsg®, Genex®, Jencons®, Socorex®						
1-5ml	Eppendorf® macro tip, with collar	7200075 7199075			Tips in bulk 50 tips rack	8 x 250 4 x 50
						
1-5ml	Eppendorf® macro tip, with collar and filter	7200075RF		●	50 tips rack	4 x 50
						
Suitable (not exclusive): Gilson®, Eppendorf®, Dsg®, Elkay®, Finnpiquette®, Genex®, Jencons®, Nichiryo®, Menarini®						
2-10µl	Gilson® macro tip, with collar	7200015 7200015R			Tips in bulk 25 tips rack	10 x 1000 4 x 25
				●		
2-10µl	Gilson® macro tip, with collar and filter	7200015RF		●	25 tips rack	4 x 25
						

Note: Tips illustrated in 1 to 1 scale for better guidance

For other capacities, sizes or models, please contact us:

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NORMALAB

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Your volume metrology expert

- NORMALAB - calibration laboratory of volumetric instruments NORMAX
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- Calibration of all brands
- Highly skilled technicians
- Calibration according to international standards
- Repair service with original parts
- Express service for urgent calibration

Summary Scope

Volumetric Flask

$5\text{ ml} \leq V \leq 5000\text{ ml}$

Burette with piston

$0,001\text{ ml} \leq V < 50\text{ ml}$

Burette without piston

$0,5\text{ ml} \leq V < 100\text{ ml}$

Pycnometer

$1\text{ ml} \leq V \leq 5000\text{ ml}$

Graduated pipette

$0,1\text{ ml} < V \leq 50\text{ ml}$

Volumetric pipette

$0,5\text{ ml} \leq V \leq 200\text{ ml}$

Measuring cylinder

$5\text{ ml} \leq V \leq 2000\text{ ml}$

Micropipette and macropipette

$0,1 \leq V \leq 20000\text{ }\mu\text{l}$

Dilutor and Dispenser

$1\text{ }\mu\text{l} \leq V \leq 200\text{ ml}$

Syringe and microsyringe

$1\text{ }\mu\text{l} \leq V \leq 100\text{ ml}$

Accreditation

- Calibrations performed by Normalab are recognised internationally
- Mutual recognition agreements available at:
<http://www.european-accrreditation.org> and www.ilac.org
- IPAC is a signatory to the Agreement of mutual recognition of EA and ILAC
- Accreditation certificate available at **www.normax.pt**





06 HYGIENE AND SAFETY

Examination Gloves

- 198 . Examination glove Ruthe®
- 198 . Examination glove Sensiflex® Lite
- 198 . Examination glove Naturflex®
- 198 . Examination glove Dermoflex®
- 198 . Examination glove Sterile
- 199 . Examination glove Naturflex® (non sterile)

Surgical gloves

- 199 . Surgical glove Superflex®
- 199 . Surgical glove Naturflex®
- 200 . Surgical glove Naturflex® Gine
- 200 . Surgical glove Naturflex® Neo 2.0 Neoprene

Gloves (others)

- 200 . Safety gloves Superflex®
- 200 . Glove Anti-acid Solvex-plus

Face mask

- 200 . Face mask protection Naturcare®
- 201 . Face mask hygienic Naturcare®
- 201 . Face mask surgical Naturcare®
- 201 . Face mask hygienic Naturcare®

Other accessories

- 201 . Nurse cap
- 201 . Surgeon cap
- 202 . Sterile gown surgical Naturcare®
- 202 . Sterile gown Naturcare®
- 202 . Non sterile gown Naturcare®
- 202 . Surgical pyjama SMMS Naturcare®
- 203 . Surgical pyjama TST Naturcare®
- 203 . Apron Anti-acid DELNEO 125
- 203 . Bed cover resistant
- 203 . Bed cover adjustable
- 204 . Visitor gown
- 204 . Protection coverall
- 204 . Overshoes Naturcare®
- 204 . Shoe soles coater
- 205 . Safety storage cabinet
- 205 . Safety glasses CE (EPI)
- 205 . Emergency eye wash
- 206 . Emergency eye wash bottle low density polyethylene
- 206 . Antimicrobial mat
- 206 . Precut cellulose on roller
- 206 . Clifixe strips
- 206 . Surgical drape
- 206 . Surgical drape with Adhesive edging
- 207 . Surgical drape with fenestrated covers without adhesives
- 207 . Surgical drape with central adhesive opening



Examination glove Ruthe® CE

Reference	Feature	Size	Pack unit
6505029	Latex, Powder free	S	10 x 100
6505030	Latex, Powder free	M	10 x 100
6505031	Latex, Powder free	L	10 x 100
6505074	Latex, Powder free	S	10 x 100
6505075	Latex, Powder free	M	10 x 100
6505076	Latex, Powder free	L	10 x 100



Examination glove Sensiflex® Lite CE

Reference	Feature	Size	Pack unit
BI147766	Nitrile, powder free	XS	10 x 200
BI147767	Nitrile, powder free	S	10 x 200
BI147768	Nitrile, powder free	M	10 x 200
BI147769	Nitrile, powder free	L	10 x 200
BI147770	Nitrile, powder free	XL	10 x 200



Examination glove Naturflex® CE

Reference	Feature	Size	Pack unit
BI118372	Latex, powdered	XS	10 x 100
BI118341	Latex, powdered	S	10 x 100
BI118342	Latex, powdered	M	10 x 100
BI118343	Latex, powdered	L	10 x 100



Examination glove Dermoflex® CE

Reference	Feature	Size	Pack unit
BI133187	Latex, powder free	XS	10 x 100
BI128045	Latex, powder free	S	10 x 100
BI128044	Latex, powder free	M	10 x 100
BI128043	Latex, powder free	L	10 x 100



Examination glove Sterile CE

Reference	Feature	Size	Pack unit
BI133914	Nitrile, powder free	S	6 x 50
BI133916	Nitrile, powder free	M	6 x 50
BI133915	Nitrile, powder free	L	6 x 50
BI128913	Latex, powder free	S	6 x 50
BI128914	Latex, powder free	M	6 x 50
BI128915	Latex, powder free	L	6 x 50
BI128918	Latex, powdered	S	6 x 50
BI128919	Latex, powdered	M	6 x 50
BI128920	Latex, powdered	L	6 x 50



Examination glove Naturflex® CE

Non-Sterile

Reference	Feature	Size	Pack unit
BI130173	Vynil, powder free	XS	10 x 100
BI124145	Vynil, powder free	S	10 x 100
BI124144	Vynil, powder free	M	10 x 100
BI124099	Vynil, powder free	L	10 x 100
BI128629	Vynil, powder free	XL	10 x 100
BI118530	Vynil, powdered	XS	10 x 100
BI118527	Vynil, powdered	S	10 x 100
BI118528	Vynil, powdered	M	10 x 100
BI118529	Vynil, powdered	L	10 x 100
BI122348	Vynil, powdered	XL	10 x 100
BI100719	Polyethylene	One size	100 x 100



Surgical glove Superflex® CE

Sterile

Reference	Feature	Size	Pack unit
BI148056	Polyisoprene, powder free	6	8 x 50
BI148057	Polyisoprene, powder free	6,5	8 x 50
BI148058	Polyisoprene, powder free	7	8 x 50
BI148059	Polyisoprene, powder free	7,5	8 x 50
BI148060	Polyisoprene, powder free	8	8 x 50
BI148061	Polyisoprene, powder free	8,5	8 x 50



Surgical glove Naturflex® CE

Sterile

Reference	Feature	Size	Pack unit
BI130849	Latex, powder free	5,5	8 x 50
BI130850	Latex, powder free	6	8 x 50
BI130851	Latex, powder free	6,5	8 x 50
BI130852	Latex, powder free	7	8 x 50
BI130853	Latex, powder free	7,5	8 x 50
BI130854	Latex, powder free	8	8 x 50
BI130855	Latex, powder free	8,5	8 x 50
BI130856	Latex, powder free	9	8 x 50
BI129131	Latex, powdered	5,5	8 x 50
BI129100	Latex, powdered	6	8 x 50
BI129101	Latex, powdered	6,5	8 x 50
BI129102	Latex, powdered	7	8 x 50
BI129103	Latex, powdered	7,5	8 x 50
BI129104	Latex, powdered	8	8 x 50
BI129105	Latex, powdered	8,5	8 x 50
BI129106	Latex, powdered	9	8 x 50
BI130579	EVA Copolymer, powder free	S	24 x 100 x 1
BI130580	EVA Copolymer, powder free	M	24 x 100 x 1
BI130581	EVA Copolymer, powder free	L	24 x 100 x 1





Surgical glove Naturflex® Gine CE

Sterile

Reference	Feature	Size	Pack unit
BI129114	Latex, powder free	6,5	4 x 25
BI129115	Latex, powder free	7,5	4 x 25
BI129116	Latex, powder free	8,5	4 x 25



Surgical glove Naturflex® Neo 2.0 Neoprene CE

Sterile, Latex free

Reference	Feature	Size	Pack unit
BI147055	Powder free	6	8 x 50
BI147056	Powder free	6,5	8 x 50
BI147057	Powder free	7	8 x 50
BI147058	Powder free	7,5	8 x 50
BI147059	Powder free	8	8 x 50
BI147060	Powder free	8,5	8 x 50



Safety gloves Superflex® CE (EPI)

Withstands temperatures from -55° C up to 260 °C

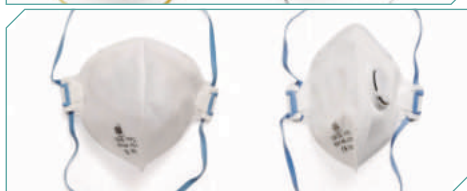
Reference	Feature	Size	Pack unit
719270	190 x 100	1	



Glove Anti-acid Solvex-plus CE (EPI)

Nitrile

Reference	Feature	Size	Pack unit
S5000044	32 cm length, universal fit	1	



Face mask protection Naturcare® CE (EPI)

Reference	Feature	Protection level	Pack unit
BI130103	horizontal with valves	FFP1	20 x 12
BI129766	horizontal with valves	FFP2	20 x 12
BI128949	horizontal with valves	FFP3	20 x 12
BI128946	horizontal without valves	FFP1	20 x 20
BI129765	horizontal without valves	FFP2	20 x 20
BI128943	conical without valves	FFP2	20 x 20
BI128944	conical with valves	FFP2	20 x 12
BI128945	conical with valves	FFP3	20 x 6
BI129755	vertical without valves	FFP2	20 x 20
BI129758	vertical with valves	FFP2	20 x 12

Face mask hygienic Naturcare®

Reference	Feature	Pack unit
BI128940	paper, with ear loops, white	100 x 100



Face mask surgical Naturcare®

Type IIR, 3 layers

Reference	Feature	Colour	Pack unit
BI128932	Ear loop	Green	20 x 50
BI128933	Ear loop	Blue	20 x 50
BI128934	Ear loop	White	20 x 50
BI128935	Tie-on	Green	20 x 50
BI128936	Tie-on	Blue	20 x 50
BI128937	Tie-on	White	20 x 50



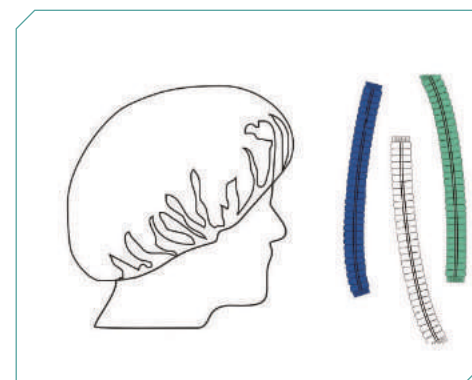
Face mask hygienic Naturcare®

Reference	Feature	Colour	Pack unit
BI128931	em PP, ear loops	White	20 x 50
BI128950	em PP, ear loops	Green	20 x 50



Nurse cap

Reference	Feature	Colour	Pack unit
BI134224	PP 14 g	blue	10 x 100
BI127799	PP 14 g	white	10 x 100
BI131033	PP 14 g	green	10 x 100
BI148957	PP 15 g	blue	10 x 100
BI148958	PP 15 g	white	10 x 100
BI148959	PP 15 g	green	10 x 100



Surgeon cap

Reference	Feature	Colour	Pack unit
BI130033	tie-on, PP 25 g	green	10 x 100
BI130813	tie-on, PP 25 g	blue	10 x 100

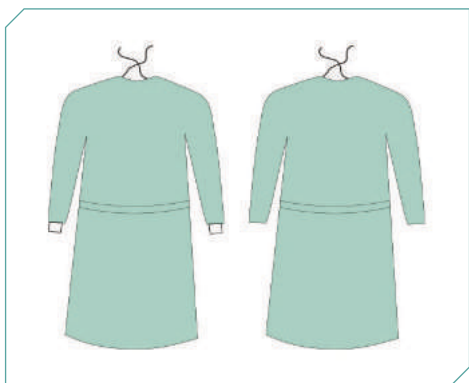




Sterile gown surgical Naturcare®

Latex free, individual package

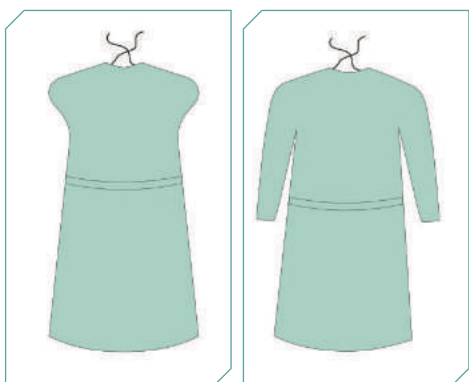
Reference	Feature	Size	Pack unit
BI564431	-	M	32
BI564433	-	L	32
BI564436	-	XL	32
BI564491	-	XXL	32
BI564430	reinforced	S	32
BI564432	reinforced	M	32
BI564434	reinforced	L	32
BI564437	reinforced	XL	32
BI564492	reinforced	XXL	32



Sterile gown Naturcare®

Latex free, individual package

Reference	Feature	Colour	Weight (g)	Pack unit
BI128564	polyester cuff, 30 g	green		50
BI140698	polyester cuff, 25 g	blue		50
BI128656	elastic cuff, 20g	green		50
BI130393	waterproof, level 4	green	30 + 25 PE	50

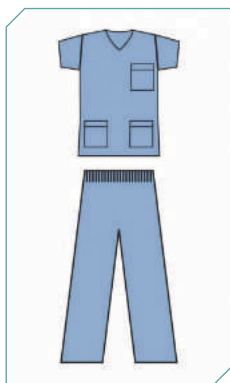


Non sterile gown Naturcare®

Latex free,

Reference	Feature	Colour	Weight (g)	Pack unit
BI122516*	sleeveless, PP, 40 g	white	40	100
BI122517*	sleeveless, PP, 30 g	green	30	100
BI132079*	sleeveless, PP, 50 g	green	50	100
BI126964*	waterproof	green	30 + 15 PE	100
BI114116	elastic cuff, PP 20 g	green	20	10 x 10
BI140416	elastic cuff, PP 20 g	blue	20	10 x 10
BI128410	polyester cuff, PP 30 g	green	30	10 x 10
BI132508	polyester cuff, PP 30 g	blue	30	10 x 10

*individual package



Surgical pyjama SMMS Naturcare®

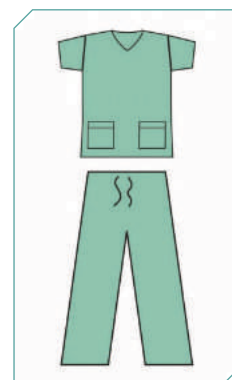
Non sterile, short sleeve

Reference	Colour	Weight (g)	Pack unit
BI140499	blue	XS	50
BI140315	blue	S	50
BI140316	blue	M	50
BI140317	blue	L	50
BI140318	blue	XL	50
BI140319	blue	2XL	50
BI140320	blue	3XL	50
BI140321	blue	4XL	50

Surgical pyjama TST Naturcare®

Non sterile, short sleeve

Reference	Colour	Weight (g)	Pack unit
BI141161	green	S	50
BI141162	green	M	50
BI140704	green	L	50
BI140705	green	XL	50
BI140706	green	2XL	50



Apron Anti-acid DELNEO 125

Conforms to EN 342 and EN 511 standards

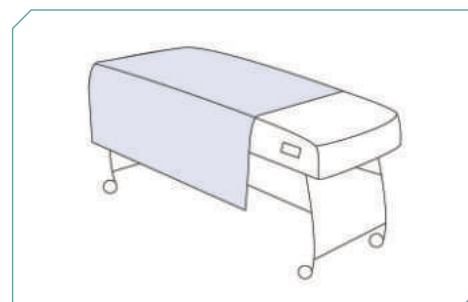
Reference	Height (cm)	Pack unit
S5000045	125	1



Bed cover resistant

Latex free

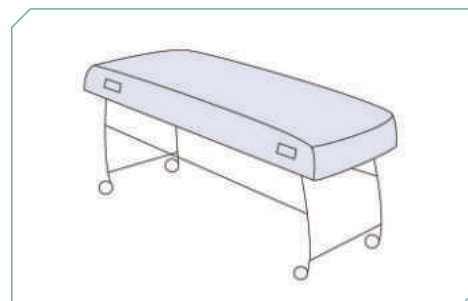
Reference	Size (cm)	Feature	Colour	Pack unit
BI122932	100 x 220	PP 20 g	white	150
BI117551	150 x 230	PP 20 g	white	100
BI123443	75 x 100	PP 30 g	white	200
BI138567	220 x 130	PP 40 g	white	100
BI134624	100 x 220	PP 20 g	green	150
BI127850	75 x 200	PP 30 g	green	100
BI139254	80 x 100	PP 40 g	blue	100
BI141646	75 x 190	laminated	white	200



Bed cover adjustable

Latex free

Reference	Size (cm)	Feature	Colour	Pack unit
BI128117	80 x 210	PP 20 g	white	100
BI128112	80 x 210	PP 40 g	white	100
BI128098	95 x 220	PP 20 g	white	100
BI128143	95 x 220	PP 40 g	white	100

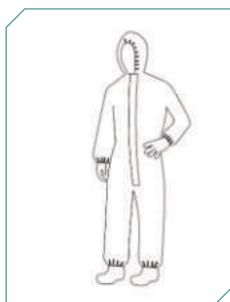




Visitor gown

Latex free

Reference	Feature	Size	Colour	Pack unit
BI139715	PP 30 g	M	white	50
BI123086	PP 30 g	L	white	50
BI129038	PP 30 g	XL	white	50



Protection coverall

Latex free

Reference	Feature	Size	Colour	Pack unit
BI124922	category 1	M	white	50
BI124490	category 1	L	white	50
BI123565	category 1	XL	white	50



Overshoes Naturcare®

Non sterile, disposable, one size

Reference	Feature	Colour	Pack unit
BI126331	TNT 30 g	green	10 x 100
BI132529	TNT 30 g	blue	10 x 100
BI122026	TNT 30 g	white	10 x 100
BI116071	Plastic 20 g	green	20 x 100
BI126332*	TNT + CPE 40 g	white/blue	10 x 50
BI131111*	CPE 30 g	blue	20 x 100

*Slip-resistant sole, waterproof



Shoe soles coater

Automatic

Reference	Feature
S5000051	33 x 45 x 80 cm, power 1300 W
S5000052	PVC coil for 1000 coatings

Safety storage cabinet

Automatic

Description	Feature
SAFETYBOX® and SICUR	inflammable
SAFETYBOX®	Chemical, acids and bases
SICUR KEM	Chemical and toxic not very aggressive substances
KEMFIRE	Inflammable + chemical, acids and base products
SAFETYBOX®	Compressed gases
PHYTOSAFETY	For the storage of phytopharmaceuticals, pesticides and phytosanitary



Safety glasses CE (EPI)

Polycarbonate

Reference	Thickness (mm)	Feature	Lenses	Pack unit
719385*	1	With lateral vents	scratch resistant, antifogging, antistatic and protect against UV rays	5
719386**	2	Can be worn over conventional glasses	scratch resistant	6

*EN 166

**EN 166, EN 167, EN 168, EN 169, EN 170, EN 171 and EN 172



Emergency eye wash

Pedestal type to be fixed on the floor

Reference	Feature
A64000359	stainless steel
A64000358	stainless steel shower



Emergency eye wash bottle low density polyethylene

The eyecup has a perforated plate to break up the stream providing a gentle spray to the eye. A capped air vent valve prevents drawback of contaminated eye wash into bottle. Contaminated wash exits through a drain tube, which rotates in any direction.

Reference	Capacity (L)	Pack unit
719384*	1	1

*supplied empty





Antimicrobial mat

Multi-layer

Reference	Size (cm)	Bathmat x sheets	Pack unit
BI149651	90/95 x 45	5 x 30	1
BI149065	115/120 x 45	5 x 30	1
BI149067	90/95 x 60	5 x 30	1
BI149066	115/120 x 60	5 x 30	1
BI149068	115/120 x 90	5 x 30	1



Precut cellulose on roller

Novamed cellulose

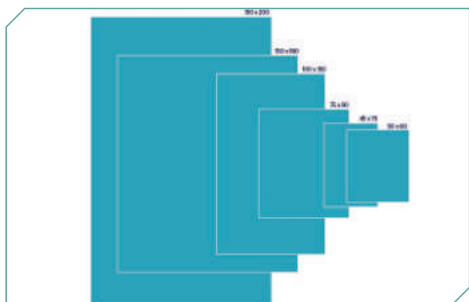
Reference	Feature	Pack unit
BI127310	1 individual bag (2 rolls x 500)	10 x 1000



Clifixe strips

Sterile, Latex free

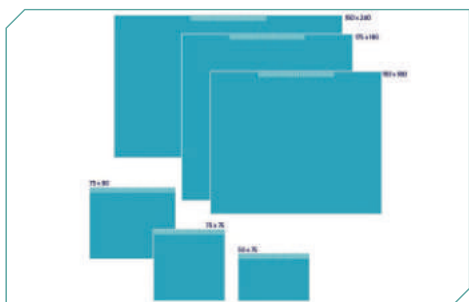
Reference	Size	Pack unit
BI144709	4,8 m x 7 cm	10 x 7



Surgical drape

2 aquable layers

Reference	Size (cm)	Pack unit
BI908856	50 x 60	1
BI908825	45 x 75	1
BI908824	75 x 90	1
BI908823	100 x 150	1
BI908821	150 x 180	1



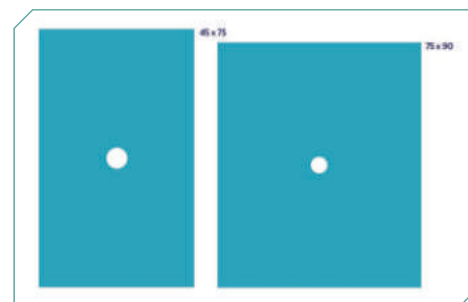
Surgical drape with Adhesive edging

2 aquable layers

Reference	Size (cm)	Pack unit
BI938821	75 x 75	1
BI938823	75 x 90	1
BI938805	150 x 180	1
BI938806	175 x 180	1
BI938807	150 x 240	1

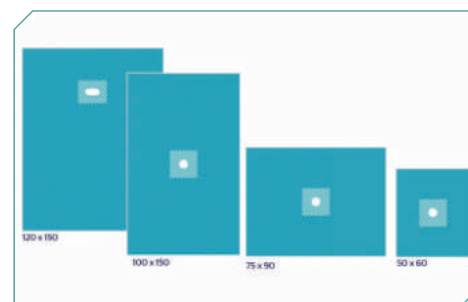
Surgical drape with fenestrated covers without adhesives

Reference	Size (cm)	Pack unit
BI918821	45 x 75	1
BI918822	75 x 90	1



Surgical drape with central adhesive opening

Reference	Size (cm)	Opening Size (cm)	Pack unit
BI958823	50 x 60	6	1
BI958972	75 x 90	6	1
BI958974	100 x 150	7	1





2,5 l

 **NORMAX**
chem

Acetonitrile, HPLC grade

Acetonitrilo, HPLC grade

Acetonitrile, HPLC grade

Acetonitrile, HPLC grade

99.9 + % CH₃CN

For laboratory use, HPLC

CAS Nr. 75-05-8 EINECS Nr. 200-835-2

Normax, Lda. - Rua Santa Isabel, 17

UN 1648

 **NORMAX**
chem

Sodium hydroxide, pellets a.r.

Sódio hidróxido, pelotas p.a.

Sódio hidróxido, lentejas p.a.

Sodium hydroxyde, pastilles p.a.

Sódio idrossido, gocce p.a.

99 + % NaOH

For laboratory use, ACS, ISO, Ph. Eur.

CAS Nr. 1310-73-2 EINECS Nr. 215-185-5 Index Nr. 011-002-00-6

Normax, Lda. - Rua Santa Isabel, 17 - 2430-475 Marinha Grande - Portugal

www.normax.pt



2,5 l

 **NORMAX**
chem

Propanol-2 (iso-Propanol) a.r.

Propanol-2 (iso-Propanol) p.a.

Propanol-2 (iso-Propanol) p.a.

Propanol-2 (iso-Propanol) p.a.

Propanol-2 (iso-Propanol) p.a.

99.8 + % C₃H₈O

For laboratory use, ACS, ISO, Ph. Eur.

CAS Nr. 67-43-0 EINECS Nr. 200-661-7 Index Nr. 603-117-00-0

Normax, Lda. - Rua Santa Isabel, 17 - 2430-475 Marinha Grande - Portugal

www.normax.pt

 **N**

Hydrogen peroxide solution

Hidrogênio peróxido

Hidrogênio peróxido

Peróxido de hidrogênio

30 + % H₂O₂

For laboratory use

CAS Nr. 7722-84-9

Normax, Lda.

07 CHEMICALS AND MICROBIOLOGY

Chemicals

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- 220 . Scharlab Best Sales
- 222 . Scharlab chemicals for LC-MS & UHPLC-MS
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- 224 . Aquagent®

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Microbiology

- 225 . Dehydrated culture media
- 232 . Dehydrated chromogenic media
- 233 . Supplements and Additives
- 232 . AnČbioČc discs

Molecular Biology

- 238 . Agaroses
- 240 . Dehydrated culture media

Peptones, agars and ingredients

- 240 . Agar
- 240 . Carbohydrates and Glucosides
- 241 . Peptonas

Staining

- 242 . Bacteriology Stains
- 242 . Microbiology stains
- 243 . Histopathology Stains
- 243 . Haematology stains
- 244 . Ancillary products

NORMAX
chem

en peroxide 30 weight %
a.r.

o peróxido 30 p/v % solução p.a.

róxido 30 p/v % solución p.a.

roxyde 30 poids % solution p.a.

drogeno 30 p/v % soluzione p.a.

2

ry use, Ph. Nord. (store cool)

4-1 EINECS Nr. 231-765-0 Index Nr. 008-003-00-9

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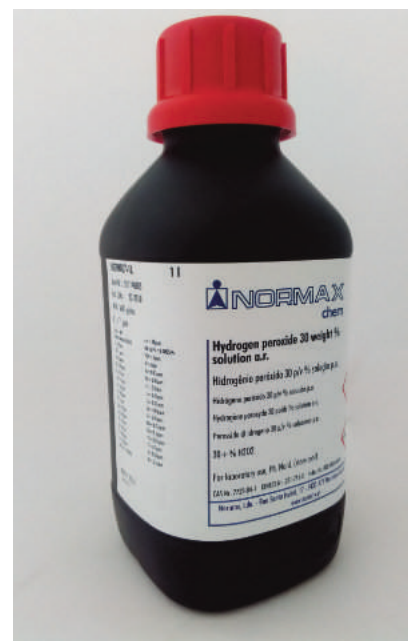
NORMAX Chem

NORMAX is proud to present a variety of products with its own brand - **NORMAX CHEM** - developed to provide common and essential products for laboratory uses. We highlight solvents, acids, salts, volumetric solutions and pH standard solutions.

The range of reagents **NORMAX CHEM** guarantees high quality, competitive prices, immediate delivery and quality certificates. In order to choose the most suitable product for several applications, a wide variety of grades of reagents and solvents are available:

Labels

STD	Standard Grade: products for calibration of instruments
GLR	General Laboratory Reagent: products with the optimal quality for general use.
AGR	Analytical Grade: high quality reagents for analytical applications with low impurity level.
HPLC	High performance solvents for HPLC (High Pressure Liquid Chromatography) gradient quality.
XHPLC	Extrapure high performance solvents for HPLC gradient quality.



2-Propanol (isopropanol)

CAS: 67-63-0

MW: 60.10 g/mol

 C_3H_8O

ADR: 3, II

2-Propanol

				AGR	Reference	Packaging
Assay > 99.8%	Non volatiles <0.0005%	Al <0.00005%	Cu <0.000002%			
Density: 0.78 g/ml	Reducing substances <0.0005%	B <0.000002%	Fe <0.00001%			
Water <0.1%	Residue after evaporation <0.001%	Ba <0.00001%	Mg <0.00001%			
EtOH <0.01%		Ca <0.00005%	Ni <0.000002%		NX3AL005-2.5L	2.5 L
Methanol <0.01%		Cd <0.000005%	Pb <0.00001%			
Acetone <0.002%		Co <0.000002%	Sn <0.00001%			
Carbonyl compounds <0.002%		Cr <0.000002%	Zn <0.00001%			

Acetone

CAS: 67-64-1

MW: 58.08 g/mol

 C_3H_6O

ADR: 3, II

Acetone

				AGR	Reference	Packaging
Assay > 99.5%	Formaldehyde <0.0002%	Pb <0.000001%	Zn <0.000001%			
Density: 0.791 g/ml	Methanol <0.01%	Cu <0.000001%	Mg <0.00001%		NX3AC001-1L	1L
Free acid <0.002%	Non volatiles <0.001%	Ni <0.000005%				
Free alkali <0.001%	Reducing substances <0.00025% (permanganate)	Co <0.000005%				
Water <0.2%	Non volatiles <0.001%	Fe <0.00001%				
EtOH <0.01%	Residue after evaporation <0.001%	Mn <0.000001%			NX3AC001-2.5L	2,5L

Acetonitrile

CAS: 75-05-8

MW: 41.05 g/mol

 HC_3N

ADR: 3, II

Acetonitrile

				HPLC	Reference	Packaging
Assay > 99.9%						
Density: 0.781 g/ml	Non volatiles <0.001%					
Water <200ppm	Transmittance @ 240nm >98%				NX3AC002-2.5L	2,5L
Acidity <0.0005meq/g	Transmittance @ 250nm >99%					

Acetonitrile

				XHPLC	Reference	Packaging
Assay > 99.9%	Non volatiles <0.0005%	Transmittance @ 210nm >88%				
Density: 0.781 g/ml	UV absorbance @ 254nm <0.001	Transmittance @ 220nm >94%				
Water <150ppm	Transmittance @ 195nm >70%	Transmittance @ 230nm >98%			NX3AC003-2.5L	2,5L
Acidity <0.0005meq/g	Transmittance @ 200nm >80%	Transmittance @ 240nm >99%				

Acetic acid glacial

CAS: 64-19-7

MW: 60.05 g/mol

 CH_3COOH

ADR: 8 (3), II

Acetic acid glacial

				AGR	Reference	Packaging
Assay > 99.8%	Non volatiles <0.001%	Pb <0.000001%	Mn <0.000001%			
Density: 1.05 g/ml	Reducing substances <0.00025% (permanganate)	Cu <0.000001%	Zn <0.000001%			
Water <0.15%	Non volatiles <0.001%	Ni <0.000005%	Mg <0.00001%			
Formaldehyde <0.0002%	Residue after evaporation <0.001%	Co <0.000005%			NX3AC014-2.5L	2.5 L
Methanol <0.01%		Fe <0.00001%				

Ammonia solution

CAS: 1336-21-6

MW: 17.03 g/mol

 NH_3

ADR: 8, III

Ammonia solution

					AGR	Reference	Packaging
Assay > 25% (as NH_3)	Ag <0.000002%	Fe <0.00001%	Ni <0.000005%	Carbonate <0,001%			
Density: 0.91 g/ml	Au <0.00001%	Ga <0.000002%	Pb <0.000005%	Chloride <0.00005%			
±250 g NH_3 /Kg	Ba <0.00001%	In <0.000002%	Pt <0.00001%	Phosphate <0.00005%			
Residue after evaporation <0.002%	Bi <0.00001%	K <0.0001%	S <0.0002%	Sulfate <0.0002%			
Reducing substances <0.0005%	Ca <0.0001%	Li <0.000002%	Sn <0.00001%	Silicate <0.001%		NX3AM024-2.5L	2,5L
Non volatiles <0.002%	Cd <0.000005%	Mg <0.00005%	Sr <0.0001%				
	Co <0.00001%	Mn <0.00001%	Ti <0.00001%				
	Cr <0.000005%	Mo <0.00001%	Tl <0.000005%				
	Cu <0.00001%	Na <0.0001%	Zn <0.00001%				

Chloroform

CAS: 1336-21-6

MW: 17.03 g/mol

 CHCl_3

ADR: 8, III

Chloroform

					AGR	Reference	Packaging
Assay > 99.5%	Al <0.00005%	Cr <0.000002%	Pb <0.000005%	Carbonyl compounds <0.005%			
Density: 1.49 g/ml	B <0.000002%	Cu <0.000002%	Sn <0.00001%	Dichloromethane <0.01			
99.5+% CHCl_3 (stab. w/amylene)	Ba <0.00001%	Fe <0.00001%	Zn <0.00001%	Carbontetrachloride <0.01%			
Water <0.01%	Ca <0.00005%	Mg <0.00001%	Chloride <0.0001%	Tetrachloroethylene <0.01%			
Non volatiles <0.001%	Cd <0.000005%	Mn <0.000002%	Free chlorine <0.00001%	Trichloroethylene <0.01%		NX3AM024-2.5L	2,5L
	Co <0.000002%	Ni <0.000002%	Aldehydes&Ketones <0.005%	Free acid <0.00005%			
	Cr <0.000005%	Mo <0.00001%	Tl <0.000005%				
	Cu <0.00001%	Na <0.0001%	Zn <0.00001%				

Hydrochloridric acid

CAS: 7647-01-0

MW: 36.46 g/mol

HCl

ADR: 8, III

Hydrochloridric acid 0.1M (0.1N)

				GLR	Reference	Packaging
Density: 1.00 g/ml					NX3AC004-1L	1L
					NX3AC004-5L	5L

Hydrochloridric acid 1M (1N)

				GLR	Reference	Packaging
Density: 1.02 g/ml	36.461 g HCl/L H_2O = 1 N ($\pm 0.002/20^\circ\text{C}$)				NX3AC022-1L	1L

Hydrochloridric acid 37%

				AGR	Reference	Packaging
Assay >37%	As <0.000005%	Pb <0.000005%	Sulfite <0.0002%			
Density: 1.19 g/ml	Cd <0.000001%	Zn <0.0001%	Sulfate <0.0001%			
37+% HCl	Cu <0.000005%	Ammonium <0.0003%			NX3AC020-2.5L	2,5L
Residue after ignition <0.0005%	Fe <0.00005%	Free chlorine <0.00005%				

Hydrogen peroxide

CAS: 7722-84-1

MW: 34.01 g/mol

 H_2O_2

ADR: 5.1 (8), II

Hydrogen peroxide, 30% solution

						AGR	Reference	Packaging
Assay >30%	Al <0.5ppm	Co <0.01ppm	Mg <0.05ppm	Ti <0.1ppm	Chloride <0.5ppm			
Density: 1.11 g/ml	As <0.01ppm	Cr <0.02ppm	Mn <0.01ppm	Tl <0.05ppm	Phosphate <1ppm			
30+% H_2O_2	Ba <0.05ppm	Cu <0.01ppm	Mo <0.02ppm	V <0.01ppm	Sulfate <1ppm			
Non volatiles <50ppm	Be <0.01ppm	Fe <0.05ppm	N <4ppm	Zn <0.05ppm				
Free acid <40ppm (H_2SO_4)	Bi <0.1ppm	Ge <0.05ppm	Na <0.1ppm	Zr <0.1ppm			NX3HI007-1L	1L
Residue after evaporation <0.005%	Ca <0.2ppm	K <0.1ppm	Pb <0.01ppm					
Heavy metals as lead (Pb) <0.0005%	Cd <0.01ppm	Li <0.01ppm	Sr <0.01ppm					

Methanol

CAS: 67-56-1

MW: 32.04 g/mol

 CH_3OH

ADR: 3 (6.1), II

Methanol

						AGR	Reference	Packaging
Assay >99.8%	Free alkali <0.00005%	Al <0.00005%	Cu <0.000001%	Zn <0.00001%				
Density: 0.79 g/ml	Free acid <0.002%	B <0.000002%	Fe <0.00001%	Chloride <0.00005%				
Water <0.05%	Carbonyl compounds <0.005%	Ba <0.00001%	Mg <0.00001%	Sulfate <0.0001%				
99.8+% CH_3OH		Ca <0.00005%	Mn <0.000001%	Acetaldehyde <0.001%			NX3ME023-2.5L	2,5L
Residue after ignition <0.0005%		Cd <0.000005%	Ni <0.000002%	Acetone <0.001%				
Non volatiles <0.001%		Co <0.000002%	Pb <0.000002%	Ethanol <0.1%				
Reducing substances <0.00025% (permanganate)		Cr <0.000002%	Sn <0.00001%	Formaldehyde <0.01%				

Methanol

						HPLC	Reference	Packaging
Assay >99.8%	Water <500ppm	Transmittance @ 225nm >50%						
Density: 0.79 g/ml	Acidity <0.0005meq/g	Transmittance @ 240nm >80%					NX3ME010-2.5L	2,5L
99.8+% CH_3OH	Non volatiles <0.0005%	Transmittance @ 280nm >98%						

Nitric acid

CAS: 7697-37-2

MW: 63.01 g/mol

 HNO_3

ADR: 8 (5.1), II

Nitric acid

						HPLC	Reference	Packaging
Assay >65%	As <0.000001%	Fe <0.00002%	Phosphate <0.00005%					
Density: 1.02 g/ml	Ca <0.0001%	Pb <0.000005%	Sulfate <0.0001%				NX3AC019-2.5L	2,5L
65+% HNO_3	Cd <0.000001%	Zn <0.00001%						
Residue after ignition <0.0005%	Cu <0.000005%	Chloride <0.00005%						

pH standard solutions**pH standard solution = 4.00**

						STD	Reference	Packaging
Density: 1.01 g/ml	pH= 4.03 @ 0°C	pH= 4.00 @ 25°C	pH= 4.00 @ 50°C	pH= 4.00 @ 80°C				
Red colour	pH= 4.02 @ 10°C	pH= 4.00 @ 30°C	pH= 4.00 @ 60°C	pH= 4.00 @ 90°C			NX3SO016-1L	1L
pH 4.00 (±0.02/20°C) Citrate-NaCl-NaOH	pH= 4.00 @ 20°C	pH= 4.00 @ 40°C	pH= 4.00 @ 70°C					

pH standard solution = 7.00

						STD	Reference	Packaging
Density: 1.01 g/ml	pH= 7.13 @ 0°C	pH= 6.99 @ 25°C	pH= 6.96 @ 50°C	pH= 6.98 @ 80°C				
Yellow colour	pH= 7.05 @ 10°C	pH= 6.98 @ 30°C	pH= 6.96 @ 60°C	pH= 7.00 @ 90°C			NX3SO017-1L	1L
pH 7.00 (±0.02/20°C) Phosphate	pH= 7.00 @ 20°C	pH= 6.97 @ 40°C	pH= 6.97 @ 70°C					

pH standard solution = 10.00

						STD	Reference	Packaging
Density: 1.01 g/ml	pH= 10.24 @ 0°C	pH= 9.95 @ 25°C	pH= 9.75 @ 50°C	pH= 9.55 @ 80°C				
Yellow colour	pH= 10.10 @ 10°C	pH= 9.90 @ 30°C	pH= 9.68 @ 60°C	pH= 9.49 @ 90°C			NX3SO018-1L	1L
pH 7.00 (±0.02/20°C) Phosphate	pH= 10.00 @ 20°C	pH= 9.82 @ 40°C	pH= 9.62 @ 70°C					

Potassium hydroxide

CAS: 1310-58-3

MW: 56.11 g/mol

KOH

ADR: 8, II

Potassium hydroxide, pellets

					AGR	Reference	Packaging
Assay >85%	Al <0.001%	Fe <0.0005%	Pb <0.001%	Silicate <0.005%			
Density: 2.04 g/ml	Ca <0.001%	Cd <0.0001%	Zn <0.001%	Sulfate <0.0005%		NX3PO011-1 KG	1Kg
85+% KOH	Mg <0.001%	Cu <0.0001%	Potassium carbonate <1%	Heavy metals as lead (Pb) <0.0005%			
	Na <0.5%	Cr <0.0001%	Chloride <0.0005%				
	N <0.0005%	Ni <0.0001%	Phosphate <0.0005%				

Sodium chloride

CAS: 7647-14-5

MW: 58.44 g/mol

NaCl

Sodium chloride

					AGR	Reference	Packaging
Assay >99.8%	As <0.00005%	Mg <0.0005%	Bromide <0.005%	Total nitrogen <0.001%			
Density: 2.17 g/ml	Ba <0.001%	Pb <0.0003%	Copper <0.0002%	Potassium hexacyanoferrate (II) <0.0001%		NX3ASO006-1 KG	1Kg
99.8+% NaCl	Ca <0.002%	I <0.001%	Phosphate <0.0005%	Heavy metals as lead (Pb) <0.0005%			
pH= 5 to 8 (5% solution @25°C)	Fe <0.0001%		Sulfate <0.001%	Loss on drying <0.2%			
Non solubles <0.005%	K <0.005%						

Sodium hydroxide

CAS: 7647-14-5

MW: 58.44 g/mol

NaOH

Sodium hydroxide 0.1M (0.1N)

					AGR	Reference	Packaging
Density: 1.01 g/mol	4 g NaOH/L H2O = 0.1 N (±0.0002/20°C)					NX3SO008-1L	1L

Sodium hydroxide 1M (1N)

					AGR	Reference	Packaging
Density: 1.04 g/mol	40 g NaOH/L H2O = 1 N (±0.002/20°C)					NX3SO009-1L	1L

Sodium hydroxide, pellets

					AGR	Reference	Packaging
Assay >99%	Al <0.0005%	Hg <0.000005%	Pb <0.001%	Sodium carbonate <1%			
Density: 2.13 g/cm3	As <0.0001%	N <0.0003%	Zn <0.0005%	Chloride <0.0005%		NX3SO015-1KG	1Kg
99+% NaOH	Ca <0.0005%	K <0.02%	N <0.0003%	Phosphate <0.0005%			
	Cu <0.0002%	Mg <0.0005%	Heavy metals as lead (Pb) <0.0005%	Silicate <0.001%			
	Fe <0.0005%	Ni <0.0005%		Sulfate <0.0005%			

Sodium sulfate

CAS: 7757-82-6

MW: 98.08 g/mol

Na₂SO₄

Sodium sulfate

					AGR	Reference	Packaging
Assay >99%	Loss on ignition <0.5% @600°C	As <0.0001%	N <0.0005%	Heavy metals as lead (Pb) <0.0005%			
Density: 2.70 g/ml	Free acid <0.05%	Ca <0.002%	Mg <0.001%	Chloride <0.001%		NX3SO012-1KG	1Kg
99+% Na2SO4	Free alkali <0.03%	Fe <0.0005%	Zn <0.01%	Phosphate <0.002%			
pH: 5 to 8 (5% solution @25°C)	Non solubles <0.01%	K <0.01%		Sulfate <0.1%			

Sulfuric acid

CAS: 7664-93-9

MW: 98.08 g/mol

H₂SO₄

ADR: 8, II

Sodium sulfate

					AGR	Reference	Packaging
Assay: 95-97%	Residue after ignition <0.0005%	As <0.000003%	Pb <0.00001%				
Density: 1.84 g/ml	Reducing substances <0.0002%	Se <0.0003%	Zn <0.00001%			NX3AC013-2.5L	2,5L
95-97% H2SO4		Cd <0.00001%	Chloride <0.000005%				
		Cu <0.00001%	Nitrate <0.00002%				
		Fe <0.00002%	Ammonium <0.0001%				



Scharlab Best Sales

In order to satisfy the normal routine of different laboratories, **NORMAX** also provides other specific reagents from our partner, Scharlab. In response to the various applications and requirements that laboratory need to fulfil, we offer different grades for both, general and specific solvents and reagents:

Synthesis grade	Solvents or reagents which are used in organic synthesis where the higher analytical grade is not required.
Extra pure	Products which are suitable for qualitative and semi-quantitative work. Purity specifications are significantly higher and are preferentially used in the pharmaceutical industry.
Reagent grade	High quality chemicals for laboratory and specialised industrial use. This is the most frequently use grade fo laboratory analytical work

Chemical Oxygen Demand

Reference	Feature	Package
8PO02201000	Potassium dichromate, reagent grade, ACS	1 Kg
8PL00722500	Silver sulfate, sol. 1% in sulfuric acid	2.5 L
8AC20751000	Sulfuric acid 4M (8N)	1 L

Chemicals for Food Analysis

Reference	Feature	Package
8AC05781000	Boric acid, reagent grade	1 Kg
8AC07521000	Hydrochloric acid, solution 6M (6N)	1 L
8AC20642500	Sulfuric acid, solution 90-91%	2.5 L
8AC2064005P	Sulfuric acid, solution 90-91%	5 L

Solvents/Reagent Grade

Reference	Feature	Package
8AL01731000	1-Butanol, reagent grade	1 L
8GL00231000	Glycerol, solution 86-88%, reagent grade	1 L
8ME03762500	Isoamyl alcohol, reagent grade	2.5 L

Solvents/Synthesis Grade

Reference	Feature	Package
8ET01112500	Diethyl ether, stabilized	2.5 L
8ME04902500	Methyl isobutyl ketone	2.5 L

Volumetric Solutions

Reference	Feature	Package
8AC09701000	Ethylenediaminetetraacetic acid, EDTA, disodium salt, solution 0,1 mol/l (0,2 N)	1 L
8HY00011000	Hyamine 1622, solution 0,004 mol/l	1 L
8YO00231000	Iodine, solution 0,05 mol/l (0,1 N)	1 L
8PO03361000	Potassium permanganate, solution 0,02 mol/l (0,1 N)	1 L
8PO03751000	Potassium thiocyanate, solution 0,1 mol/l (0,1 N)	1 L
8PL00551000	Silver nitrate, solution 0,1 mol/l (0,1 N)	1 L
8AC20821000	Sulfuric acid, solution 0,05 mol/l (0,1 N)	1 L

Inorganic Reagents/Compounds

Reference	Feature	Package
8AL0745025P	Aluminium potassium sulfate dodecahydrate, extra pure	25 Kg
8AM02731000	Ammonium chloride, reagent grade, ACS	1 Kg
8AC17601000	Perchloric acid, 70%, reagent grade, ACS	1 L
8PO02001000	Potassium chloride, reagent grade	1 Kg
8PO03651000	Potassium sulfate, reagent grade, ACS	1 Kg
8AR01001000	Sea sand, washed, thin	1 Kg
8SO04151000	Sodium hexametaphosphate, extra pure	1 Kg
8SO01311000	Sodium hydrogen carbonate, reagent grade, ACS, ISO	1 Kg
8SO0424005P	Sodium hydroxide, solution 50% w/v, extra pure	5 L
8SO05650250	Sodium metaperiodate, reagent grade, ACS	250 g
8SO05010500	Sodium nitrate, reagent grade, ACS, ISO	500g
8AC20711000	Sulfuric acid, 96% $\pm$ 0,1%, reagent grade	1 L
8AG0003005P	Water, deionized, extra pure	5 L

Organic Reagents/Compounds

Reference	Feature	Package
8AM02541000	Ammonium acetate, reagent grade, ACS	1 Kg
8AC0718025P	Citric acid anhydrous, extra pure	25 Kg
8FO00112500	Formaldehyde, solution 37% w/w, reagent grade, stabilized with approx. 10% methanol	2.5 L
8PO00251000	Polyethylene glycol 200, synthesis grade	1 L
8PO0030005P	Polyethylene glycol 300, synthesis grade	5 L
8PO01861000	Tri-Potassium citrate monohydrate, extra pure	1 Kg
8UR01311000	Urea, reagent grade, ACS	1 Kg
8AC00301000	Vaseline oil, extra pure	1 L

Standards/pH Buffer Solutions

Reference	Feature	Package
8SO10221000	Buffer solution pH = 2,00 (20 °C)	1 L
8SO10041000	Buffer solution pH = 4,00 (20 °C)	1 L
8SO10071000	Buffer solution pH = 7,00 (20 °C)	1 L
8SO10091000	Buffer solution pH = 9,00 (20 °C)	1 L

Indicators

Reference	Feature	Package
8FE05290100	Ferroin, solution 0,025 mol/l, redox indicator	100 ml
8AZ02030100	Methylene blue, extra pure	100 g
8FE04961000	Phenolphthalein, solution 1% in ethanol	1 L
8GE0043005P	Silica gel with humidity indicator (orange), 2,5 - 6 mm	5 Kg

Sugars

Reference	Feature	Package
8LA00600500	D(+)-Lactose monohydrate, extra pure	500 g
8SA00210500	D(+)-Saccharose, reagent grade	500 g
8XI00800100	D(+)-Xylose, extra pure	100 g

Microbiology and Biochemical Tests

Reference	Feature	Package
802-041BA05	Brilliant Green Bile 2% Broth	5 sachets
8AC07461000	DNAse test (Hydrochloric acid solution 0,1 mol/l)	1 L
802-510BA05	Maximum Recovery Diluent	5 sachets
8RE00650005	Oxidase reagent, according to Gordon & McLeod	5 g

Scharlab chemicals for LC-MS & UHPLC-MS

UHPLC-MS solvent

Reference	Feature	Package
8AC03911000	Acetonitrile	1
8ME03341000	Methanol	1
8AG00151000	Water	1

LC-MS solvent

Reference	Feature	Package
8AL03261000	2-Propanol	1
8AC03711000	Acetonitrile	1
8AC01581000	Ethyl acetate	1
8ME03261000	Methanol	1
8AG00061000	Water	1

LC-MS Mixture

Reference	Feature	Package
8AC03741000	Acetonitrile with 0,1% acetic acid	1
8AC03731000	Acetonitrile with 0,1% formic acid	1
8AC03721000	Acetonitrile with 0,1% trifluoroacetic acid	1
8ME03291000	Methanol with 0,1% acetic acid	1
8ME03301000	Methanol with 0,1% ammonium acetate	1
8ME03271000	Methanol with 0,1% trifluoroacetic acid	1
8AG00091000	Water with 0,1% acetic acid	1
8AG00101000	Water with 0,1% ammonium acetate	1
8AG00081000	Water with 0,1% formic acid	1
8AG00071000	Water with 0,1% trifluoroacetic acid	1

LC-MS & UHPLC-MS auxiliar products

Reference	Feature	Package
8AC10751000	Formic acid solution, 10% in water, for cleaning	1

LC-MS Additive

Reference	Feature	Package
8AC03470050	Acetic acid glacial, eluent additive	50 ml
8AM02590050	Ammonium acetate, eluent additive	50 g
8AM03200050	Ammonium formate, eluent additive	50 g
8AM02580100	Ammonia, solution 25%, eluent additive	100 ml
8AC10760050	Formic acid, eluent Additive	50 ml
8TR02170050	Triethylamine, eluent additive	50 ml
8AC31440050	Trifluoroacetic acid, eluent additive	50 ml

Multisolvent®

Reasons to use different grades of the same solvent

You can simplify your work by using Multisolvent®.

We guarantee Multisolvent for isocratic HPLC, UV spectroscopy, Karl Fischer titrations and as an ACS reagent grade.

The high purity and low content of Multisolvent® make it useful for almost every application in the laboratory.

- It costs you less;
- It reduces your solvent's stock;
- It simplifies your purchase;
- It guarantees your results;
- It avoids errors in your laboratory;
- It increases your safety;
- Also available in shuttle packaging.

Solvent

Reference	Feature	Package
8AL03211000*	2-Propanol	1
8AC03101000*	Acetone	1
8CL03471000*	Dichloromethane, stabilized with approx. 50 ppm	1
8AC01551000*	Ethyl acetate 96%	1
8ME03151000*	Methanol	1
8DI10721000*	N,N-Dimethylformamide	1
8TE01271000*	Tetrachloroethene	1
8TE02281000*	Tetrahydrofuran, Multisolvent®, GPC grade, stabilized with 250 ppm of 2,6 Di-tert-butyl-4-methyphenol (BHT)	1

*Packs of 2,5 L, replace the last 4 reference digits (1000) by 2500

Dry solvent

Reference	Feature	Package
8DI12901000	1,4-Dioxan, dried, r.g. (Max. 0,01% H ₂ O)	1
8AL03161000	2-Propanol, dried, r.g. ACS, ISO (max. 0,01% H ₂ O)	1
8AC03161000	Acetone, dried, r.g. (Max. 0,01% H ₂ O)	1
8AC03331000	Acetonitrile, Multisolvent (max. 0,03% H ₂ O)	1
8CL02181000	Chloroform, Multisolvent, stabilized with ethanol (max. 0,01% H ₂ O)	1
8CL03381000	Dichloromethane, dried, r.g. Stabilized with approx. 50 ppm of amylene (max. 0,01% H ₂ O)	1
8SU01571000	Dimethylsulfoxide, dried, r.g. (Max. 0,01% H ₂ O)	1
8ME03041000	Methanol, dried, r.g. (Max. 0,005% H ₂ O)	1
8DI10711000	N, N-dimethylformamide, dried, r.g. (Max. 0,01% H ₂ O)	1
8ET00951000	Petroleum ether, Multisolvent®, boiling range 40-60°C (max. 0,01% H ₂ O)	1
8TE02231000	Tetrahydrofuran, dried, r.g. Stabilized with 250 ppm of BHT (max. 0,005% H ₂ O)	1

Aquagent®

Aquagent® Pyridine-free volumetric & coulometric Karl Fischer reagents

Karl Fischer (KF) titration is a well known method for water determination since the beginning of the 20th century. KF Titration uses coulometric or volumetric titration to determine the water content in a wide variety of samples. It is used both in industrial processes as well as in quality control laboratories.

The first KF reagents that were developed contained pyridine, which was assumed to be essential for the reaction.

Further experiments demonstrated that pyridine acted just as a buffer substance and could be replaced by other basic compounds, which were able to play the same role providing less toxicity.

Most of the pyridine-free reagents including our Aquagent®, contain imidazole instead of pyridine. Imidazole is a non-toxic base, has a good buffering capacity and allows fast and stable titration end-points.

Volumetric KF: One-component system

Reference	Feature	Package
8AQ00090500	Buffer Acid	0,5
8AQ00070500	Complet 2 (1 ml = 2 mg H ₂ O approx.)	0,5
8AQ00030500	Complet 5 (1 ml = 5 mg H ₂ O approx.)	0,5
8AQ00041000	Complet 5K	0,5
8FO00281000	Formamide, dry (max. 0,02% H ₂ O)	1
8AQ00051000	Medium K (to be used with - Complet 5K)	1

Coulometric KF: New Aquagent

Reference	Feature	Package
8AQ00220500	Coulometric A	500
8AQ00240500	Coulometric AG	500
8AQ00241000	Coulometric AG	1000
8AQ00230100	Coulometric CG	100

Standards

Reference	Feature	Package (ml)
8AQ00190040	Aquagent® standard 1	10 x 4
8AQ00210100	Aquagent® standard 5	100
8AQ00210500	Aquagent® standard 5	500
8AQ00200080	Aquagent® standard 10	10 x 8
8AQ00300025	Sodium tartrate dihydrate	25 g
8AQ00300100	Sodium tartrate dihydrate	100 g

YOU MAY ALSO LIKE:

- Volumetric flasks (ref. 3168607)
- Volumetric pipettes (ref. 3433701)
- Erlenmeyer flasks (ref. 2121614N)
- Ph Meter (ref. HI8424)



Microbiology

As the first Spanish producer of dehydrated culture media for micro and molecular biology, Conda is our partner in this field.

Conda is internationally recognized as one of the leaders in the field and supplies key ingredients for use in research and testing such as agars, peptones and agaroses, among other products.

The reputation and success are the result of a combination of “know-how” with uncompromising quality systems, technical expertise and innovative thinking.

Dehydrated Culture Media Guide [A-B]

Description	Cat. No	Suppl. Cat. No	Uses	Ref. Method	Meat and Fish Industry	Water and Beverages	Dairy Products	Bakery	Processed Foods	Beer Industry	Waste water	Cosmetic Industry	Pharmaceutical Industry
A1 Medium	LC1252		Detection of Coliforms			●					●		
Acetamide Agar	LC1391		Confirmation of <i>Pseudomonas aeruginosa</i>			●					●		
Acetamide Broth	LC1155		Confirmation of <i>Pseudomonas aeruginosa</i>	UNE-EN 12780 ISO 16266		●					●		
Acetate Differential Agar	LC1192		Diferentiation of species of <i>Shigella</i> , <i>E.coli</i> and non-fermentable Coliforms		●		●						
Alkaline Peptone Water	LC1407		Enrichment of <i>Vibrio</i> species		●						●		
Anaerobic Agar	LC1000		Cultivation of anaerobes, specially <i>Clostridium</i>		●	●	●	●			●		
Antibiotic Medium No. 1 (Seed Agar)	LC1520		Standard medium used for the preparation of the seed layer in Antibiotic Assays	USP Eur. Pharma									●
Antibiotic Medium No. 2 (Base Agar)	LC1002		Standard medium used for the preparation of the seed layer in Antibiotic Assays	USP									●
Antibiotic Medium No. 3	LC1534		Standard medium for use in Antibiotic Assays	USP									●
Antibiotic Medium No. 5 (Streptomycin Test Agar)	LC1524		Potency assay of Streptomycin	USP									●
Antibiotic Medium No. 8 (Base Agar with Low pH)	LC1004		Plate assay of tetracycline and other antibiotics	USP									●
Antibiotic Medium No. 11 (Neomycin Test Agar)	LC1528		Potency assay of neomycin and other antibiotics	USP									●
Antibiotic Medium No. 12	LC1525		Amphotericin B Testing										●
Asparagine Broth	LC1207		Presumptive identification and enumeration (MPN) of <i>Pseudomonas aeruginosa</i>			●					●		
Azide De trose Broth	LC1422		Enterococcus preliminary test and selective enrichment			●					●		
Bacillus Cereus Selective Agar Base	LC1124	LC6021L C5152	Enumeration and isolation of <i>Bacillus cereus</i>		●			●					
Baird Parker Agar Base	LC1100	LC5129	Selective isolation of coagulase-positive staphylococci	Eur. Pharma								●	●
Baird Parker Agar Base	LC1319	LC5129	Selective isolation of coagulase-positive staphylococci	ISO 6888-1	●		●	●	●				
Baird Parker Agar Base (RPF)	LC1319	LC6024	Selective isolation of coagulase-positive staphylococci	ISO 6888-2	●		●	●	●				
BCP Agar	LC1051		Isolation of Coliforms			●		●	●		●		
BCP glucose Agar	LC1320		Differentiation and enumeration of Enterobacteriaceae	ISO 21528-2	●			●	●				
Bile Esculin Agar	LC1031		Isolation and presumptive identification of enterococci	ISO 10273			●						
Bile Esculin Azide Agar	LC1005		Selective medium for isolation and presumptive identification of enterococci	ISO 7899-2		●							
Bismuth Sulfite Agar (Wilson Blair)	LC1011		Highly selective medium for isolation of <i>Salmonella</i> spp, particularly <i>Salmonella typhi</i>	USP	●		●	●	●				●
Blood Agar Base No. 2	LC1328		Confirmation	ISO 7932	●								

Dehydrated Culture Media Guide [B-L]

Description	Cat. No	Suppl. Cat. No	Uses	Ref. Method	Meat and Fish Industry	Water and Beverages	Dairy Products	Bakery	Processed Foods	Beer Industry	Waste water	Cosmetic Industry	Pharmaceutical Industry
Blood Free Campylobacter Agar Base	LC1129	LC6053	Selective medium used with supplements, for isolation of Campylobacter jejuni, C.coli and C.laridis		●		●						
Chapman Stone Agar	LC1017		Selective and differential medium for isolation of staphylococci		●		●						
Chloramphenicol Agar	LC1301		Selective medium for isolation and enumeration of molds	ISO 7954			●						
Clostridium Perfringens Agar Base (m-CP)	LC1132		Enumeration and isolation of Clostridium perfringens			●							
DCLS Agar	LC1045		Selective medium for isolation of Salmonella and Shigella. It is also used to isolate Vibrio cholerae		●		●		●				
Desoxycholate Agar	LC1020		Isolation and enumeration of Coliforms				●						
Desoxycholate Citrate Agar	LC1067		Highly selective medium for isolation of enteric pathogens, especially Salmonella and Shigella	Eur. Pharma	●		●		●				
Desoxycholate Lactose Agar	LC1025		Isolation and enumeration of Coliforms		●	●	●		●		●		
Dextrose Agar	LC1021		Total counts of microorganisms and for general laboratory purposes		●	●	●	●	●				●
Differential Reinforced Clostridial Broth	LC1416		Enumeration of all clostridia by the MPN method		●	●	●	●					
E. Coli Coliforms Chromogenic Medium	LC1340		Selective medium for simultaneous detection of E.coli and other Coliforms		●	●	●	●	●	●	●	●	
EC Medium	LC1522		Differentiation and enumeration of Coliforms	ISO 7521		●					●		
EE Broth	LC1362		Enumeration of Enterobacteriaceae	ISO 21528-1	●		●	●	●				
Elliker Medium	LC1539		Cultivation of streptococci and lactobacilli				●						
Endo Agar Base	LC1118		Confirmation and differentiation of Coliforms		●	●	●		●		●		
Endo Les Agar Base	LC1137		Detection and enumeration of Coliforms in water using membrane-filter technique			●					●		
Enterobacter Sakazakii Isolation Agar Chromogenic (ESIA)	LC1446		Isolation of Enterobacter Sakazakii	ISO 22964			●						
Enterococcus Confirmatory Agar	LC1018		Confirmation of the presence of enterococci			●					●		
Eosin Methylene Blue Agar (EMB)	LC1039		Isolation and differentiation of Coliforms from other Enterobacteria			●						●	
ESTY Broth	LC1254		Selective medium for cultivation of Streptococcus thermophilus in yogurt				●						
ESTY Medium	LC1555		Selective medium for enumeration of Streptococcus thermophilus in yogurt				●						
EVA Broth (Ethyl Violet Azide Broth)	LC1230		Confirmation of enterococci and as a detector of fecal contamination			●					●		
Ewing Malonate Broth Modified	LC1212		Differentiation of Enterobacteria, especially Salmonella arizonae		●		●						
Fecal Coliforms Agar Base (m-FC)	LC1127	LC6023	Membrane-filter medium for detection and enumeration of fecal Coliforms			●					●		
Fecal Coliforms Broth Base	LC1121	LC6023	Detection and enumeration of fecal Coliforms through the membrane-filter technique			●					●		

Description	Cat. No	Suppl. Cat. No	Uses	Ref. Method	Meat and Fish Industry	Water and Beverages	Dairy Products	Bakery	Processed Foods	Beer Industry	Waste water	Cosmetic Industry	Pharmaceutical Industry
Fraser Broth Base	LC1182	LC6001	Enrichment medium for detection and isolation of <i>Listeria</i>	ISO 11290-1	●		●	●	●	●			
Gelatin Lactose Medium	LC1526		Confirmation of <i>Clostridium perfringens</i>		●	●							
Giolitti - Cantoni Broth	LC1287	LC5208	Detection of <i>Staphylococcus aureus</i>	ISO 6888 / 5944	●		●	●	●				
Glucose Chloramphenicol Agar	LC1094		Selective medium for isolation and enumeration of yeast and molds				●						
Glucose Chloramphenicol Broth	LC1258		Selective medium for isolation and enumeration of yeast and molds				●						
Hektoen Enteric Agar	LC1030		Isolation and differentiation of gram-negative enteric bacteria		●		●	●	●				
Irgasan Ticarcillin & Potassium Chlorate	LC1361	LC6051	Enrichment medium for <i>Yersinia enterocolitica</i>	ISO 10273	●		●		●				
KAA Confirmatory Agar	LC1027		Isolation and confirmation of enterococci				●						
KAA Presumptive Broth	LC1209		Presumptive detection of enterococci from foods				●						
King B Medium	LC1154		Identification and enumeration of <i>Pseudomonas aeruginosa</i> by membrane-filtration technique	UNE-EN 12780 ISO 16266		●					●		
Kligler Iron Agar	LC1364		Presumptive test of <i>Yersinia enterocolitica</i>	ISO 10273	●		●		●				
Koser Citrate Broth	LC1200		Differentiation of <i>E. coli</i> from <i>Enterobacter</i> on basis of citrate utilization		●	●	●		●	●	●	●	
Lactose Broth	LC1206		Cultivation of Coliforms and <i>Salmonella</i>	Eur. Pharma	●	●	●	●	●		●		●
Lactose Sulfite Broth Base	LC1009		Selective medium for detection and enumeration of <i>Clostridium perfringens</i>	Eur. Pharma	●	●							
Lauryl Sulfate Agar	LC1309		Selective isolation and enumeration of Coliforms			●		●	●		●		
Lauryl Sulfate Broth	LC1310		Detection of Coliforms (APHA)	ISO 4831			●						
Lauryl Sulfate Tryptose Broth Modified	LC1445		Selective enrichment medium for <i>Enterobacter sakazakii</i>	ISO 22964		●					●		
Legionella Cyte Agar Base	LC1311	LC6022/ LC6025	Selective medium for cultivation of <i>Legionella</i>	ISO 11731-2		●							
Lethen Agar Base Modified	LC1111		Determination of bacterial activity of quaternary ammonium compounds									●	
Lethen Broth Base Modified	LC1244		Microbiological analysis									●	
Levine Agar (EMB)	LC1050		Isolation and differentiation of <i>Enterobacteria</i>		●		●	●	●	●	●		●
Listeria Agar Base Oxford	LC1133	LC6003	Selective medium for detection of <i>Listeria monocytogenes</i>	ISO 11290-1	●	●	●	●	●				
Listeria Enrichment Broth Base Fraser	LC1120	LC6001/ LC6002	Enrichment medium for detection and isolation of <i>Listeria</i>	ISO 11290-1	●	●	●	●	●				
Listeria Agar Base Palcam	LC1141	LC6004	Selective and differential medium for detection of <i>Listeria monocytogenes</i>	ISO 11290-2	●	●	●	●	●				
Listeria Chromogenic Agar Base	LC1345	LC6031/ LC6040	Selective medium for detection and enumeration of <i>Listeria monocytogenes</i>	ISO 11290-2	●	●	●	●	●				
LMDA Agar	LC1084		Differentiation of a high variety of bacteria							●			
LPT Dilution Broth	LC1399		Solvent for homogenization of samples									●	

Dehydrated Culture Media Guide [L-S]

Description	Cat. No	Suppl. Cat. No	Uses	Ref. Method	Meat and Fish Industry	Water and Beverages	Dairy Products	Bakery	Processed Foods	Beer Industry	Waste water	Cosmetic Industry	Pharmaceutical Industry
Lysine Decarboxylase Broth	LC1208		Identification of microorganisms, especially enteric bacilli, based on the decarboxylation of lysine		●	●	●	●					
Lysine Decarboxylase Broth	LC1176		Biochemical confirmation of Salmonella	ISO 6579	●		●	●	●				
Lysine Iron Agar	LC1044		Studies of decarboxylation of lysine for rapid differentiation of Salmonella arizonae		●								
M17 Agar	LC1318		Cultivation and enumeration of lactic streptococci				●						
Macconkey Agar	LC1052		Isolation and identification of Enterobacteriaceae	Eur. Pharma	●		●	●	●	●	●	●	
Macconkey Agar No. 2	LC1035		Identification of enterococci in the presence of coliforms and non lactose-fermenters			●	●				●		
Macconkey Agar without Crystal Violet	LC1037		Cultivation of staphylococci and enterococci and differentiation of enteric microorganisms			●							
Macconkey Broth	LC1210		For detection of Coliforms	Eur. Pharma		●	●						
Malt Extract Agar	LC1038		Cultivation of fungi and yeasts		●		●	●	●	●		●	
Malt Extract Broth	LC1245		Isolation and enumeration of yeast and molds, as well as for sterility tests		●		●	●	●	●		●	●
Mannitol Nitrate Motility Medium	LC1509		Rapid differentiation of Enterobacteria		●		●	●	●	●	●	●	
Mannitol Salt Agar (MSA)	LC1062		Isolation of pathogenic staphylococci	Eur. Pharma	●		●	●	●			●	●
m-El Chromogenic Agar Base	LC1412		Detection and enumeration of Enterococcus through membrane filtration technique			●					●		
Minerals Modified glutamate Broth	LC1365		Enumeration of Coliforms			●					●		
Mio Medium	LC1510		Identification of Enterobacteriaceae		●		●	●	●	●	●		●
Moeller KCN Broth Base	LC1112		Differentiation of enteric bacilli		●			●	●				
Mossel EE Broth	LC1202		Selective enrichment of Enterobacteriaceae, specially Salmonella and Coliforms	Eur. Pharma	●		●	●	●				
MRS Agar	LC1043		Cultivation of lactobacilli in general		●		●						
MRS Broth	LC1215		Cultivation of lactobacilli in general		●		●						
MRSV Medium	LC1376		A semi-solid medium for detection of motile Salmonella species		●		●	●	●				
MR-VP Medium	LC1512		Differentiation of Escherichia-Enterobacter group (Methyl Red and Voges-Proskauer reactions)		●	●	●	●	●	●	●	●	
Mueller Hinton Agar	LC1058		Sensitivity Test										●
Mueller Hinton II Agar	LC1055		Sensitivity Test										●
Mueller Hinton Broth	LC1214		Sensitivity testing to antibiotics in liquid media										●
Muller Kauffmann Broth Base with Brilliant Green & Novobiocine (MKTTN)	LC1173		Liquid medium for selective enrichment of Salmonella	ISO 6579	●		●	●	●				
Muller Kauffmann Tetrathionate Broth Base	LC1130		Selective enrichment of Salmonella		●		●	●	●				
Novice Brewers Bacteria Agar Base, Modified	LC1438		Selective medium used for detection of contaminating/spoilage micro-organisms							●			

Description	Cat. No	Suppl. Cat. No	Uses	Ref. Method	Meat and Fish Industry	Water and Beverages	Dairy Products	Bakery	Processed Foods	Beer Industry	Waste water	Cosmetic Industry	Pharmaceutical Industry
Novice Brewers Bacteria Broth Base, Modified	LC1440		Selective medium used for detection of contaminating/spoilage micro-organisms							●			
Neutralizing Agar	LC1449		Neutralization of antimicrobial chemicals									●	
Nitrate Motility Base Medium	LC1565		Confirmation of Clostridium perfringens		●	●							
Nutrient Agar	LC1060		Cultivation of non-fastidious microorganisms	ISO 6579 ISO 10273	●		●	●	●				
Nutrient Agar	LC1156		Identification and enumeration of Pseudomonas aeruginosa by membrane-filtration technique	UNE-EN 12780		●					●		
Nutrient Agar with Sodium Chloride	LC1355		Confirmation of Enterobacteriaceae	ISO 21528-1	●		●	●	●				
OGA Medium (Oxytetracycline Glucose Agar)	LC1527	LC6018	Enumeration and selection of yeast and molds		●		●	●	●				
Orange Serum Agar	LC1307		Isolation and detection of different acid tolerant pathogens in citrus products			●							
Osmophilic Agar	LC1057		Cultivation of osmophilic yeasts				●	●	●				
Peptone Water with Lactose	LC1357		Confirmation of membrane results for total Coliforms	ISO 9308-1		●					●		
Peptone Sorbitol & Biliar Salts Broth (PSB Broth)	LC1298		Diluent	ISO 10273	●		●		●				
Potato Dextrose Agar	LC1022		Identification, cultivation and enumeration of yeasts and molds	Eur. Pharma	●		●	●	●				●
Potato Dextrose Broth	LC1261		Cultivation of yeasts and molds		●		●	●	●	●		●	●
Pseudomonas Agar Base	LC1356	LC6036	Isolation of Pseudomonas	ISO 13720	●								
Pseudomonas CN Agar Base	LC1153		Identification and enumeration of Pseudomonas aeruginosa by membrane-filtration technique	UNE-EN 12780 ISO 16266		●					●		
Pseudomonas F Agar (King B)	LC1532		Identification of Pseudomonas aeruginosa based on production of fluorescein	USP							●	●	●
Pseudomonas P Agar (King A)	LC1531		Identification of Pseudomonas aeruginosa based on production of pyocyanin	USP							●	●	●
Raka - Ray Agar Base	LC1061		Selective medium to isolate lactic-acid bacteria							●			
Rappaport Soy Broth (Vassiliadis)	LC1174		Liquid medium for selective enrichment of Salmonella	ISO 6579	●		●	●	●				
Reinforced Clostridial Medium	LC1007		Cultivation and enumeration of Clostridium and other anaerobes	Eur. Pharma	●		●	●			●		
Rogosa SL Agar	LC1096		Selective medium for cultivation of lactobacilli		●								
Rogosa SL Broth	LC1234		Selective medium for cultivation of lactobacilli										
Rose Bengal Agar + Chloramphenicol	LC1081		Cultivation and selective isolation of yeast and molds				●	●	●	●		●	
Rose Bengal Agar + Dichloran + Chloramphenicol (DRBC Agar)	LC1160		Selective medium for cultivation of yeast and molds	ISO 21527-1			●	●	●	●			
Rothe Broth (Glucose Broth with Azide)	LC1238		Quantitative determination of enterococci				●						
R2A Agar	LC1071		Total aerobe count	Eur. Pharma		●							
Sabouraud Dextrose Agar	LC1024		Cultivation of yeast and molds	Eur. Pharma									●
Sabouraud Dextrose Broth	LC1205		Cultivation of yeast and molds	Eur. Pharma									●
Sabouraud Maltose Broth	LC1213		Cultivation of yeast, molds and acidophilic bacteria, as well as for sterility tests									●	●
Salmonella Chromogenic Agar	LC1122		Isolation of Salmonella		●		●	●	●				●

Dehydrated Culture Media Guide [S-Y]

Description	Cat. No	Suppl. Cat. No	Uses	Ref. Method	Meat and Fish Industry	Water and Beverages	Dairy Products	Bakery	Processed Foods	Beer Industry	Waste water	Cosmetic Industry	Pharmaceutical Industry
Salmonella Shigella Agar (SS)	LC1064		Selective medium for isolation of Salmonella and Shigella		●								
Slanetz-Bartley Medium	LC1109		Detection and enumeration of intestinal Enterococci by membrane-filtration technique	ISO 7899-2		●							
Sodium Selenite Broth	LC1222		Selective isolation of Salmonella		●		●	●	●				
SPS Agar	LC1082		Isolation of Clostridium perfringens		●								
Standard Methods Agar (PCA)	LC1056		Total microbial plate count	ISO 4833	●		●						
Standard Methods Agar with Powdered Milk	LC1033		Bacterial plate count of microorganisms (APHA* Formula)				●						
Staphylococcus Agar No. 110	LC1032		Isolation of staphylococci		●		●	●	●			●	
TBX Chromogenic Agar	LC1151		Selective medium for detection and enumeration of E.coli	ISO 16649-2	●		●	●	●				
TCBS Agar	LC1074		Selective isolation of Vibrio spp		●						●		
Tetrathionate Broth Base (Muller Kauffmann)	LC1114		Selective enrichment of Salmonella species	USP	●		●	●	●				
Thioglycollate Broth	LC1241		Sterility assays of biological and pharmaceutical products	USP Eur. Pharma								●	●
Thioglycollate Fluid Medium	LC1508		Cultivation of aerobic and anaerobic microorganisms in sterility tests	USP								●	●
Thioglycollate Medium without Indicator	LC1516		Cultivation and isolation of obligate and facultative aerobic, anaerobic and microaerophilic bacteria for sterility tests	USP								●	●
Thioglycollate USP Medium	LC1533		Cultivation of aerobic and anaerobic microorganisms in sterility tests	USP ISO 7937	●							●	●
Triple Sugar Iron Agar (TSI)	LC1046		Identification and differentiation of Enterobacteria	Eur. Pharma		●				●	●	●	●
Triple Sugar Iron Agar (TSI)	LC1172		Biochemical confirmation of Salmonella	ISO 6579	●		●	●	●				
Trypticasein glucose Extract Agar	LC1041		Plate count enumeration of bacteria			●					●		
Tryptone Bile Salts Agar	LC1013		Detection and enumeration of E. coli and other Coliforms	ISO 9308-1		●					●		
Tryptone Soy Agar	LC1138		Detection and enumeration of E.coli and other Coliforms	ISO 9308-1		●					●		
Tryptone Soy Yeast Extract Agar (TSYEA)	LC1398		Cultivation of Listeria spp	ISO 11290-1	●	●	●	●	●				
Tryptone Soy Yeast Extract Broth (TSYEB)	LC1339		Confirmation of Listeria monocytogenes	ISO 11290-1	●	●	●	●	●				
Tryptophan Culture Broth	LC1237		Detection of E. coli and other Coliforms by indole production	ISO 9308-1		●					●		
Tryptose Sulfite Broth	LC1378		Selective medium for Clostridium perfringens		●	●							
TSC Agar Base	LC1029	LC6020/L C5152	Detection and enumeration of Clostridium perfringens	ISO 7937	●								
TSN Agar	LC1075		Selective isolation of Clostridium perfringens		●								
TTC Chapman Agar	LC1076	LC6030	Enumeration of Coliforms by membrane-filtration technique	ISO 9308-1		●					●		
Universal Beer Agar (UBA Medium)	LC1562		Control of industrial fermentation processes							●			
Urea Agar Base (Christensen)	LC1110		Differentiation of Enterobacteria on the basis of urease production	ISO 6579	●			●	●	●	●	●	

Description	Cat. No	Suppl. Cat. No	Uses	Ref. Method	Meat and Fish Industry	Water and Beverages	Dairy Products	Bakery	Processed Foods	Beer Industry	Waste water	Cosmetic Industry	Pharmaceutical Industry
Urea Indol Broth	LC1227	LC5205	Identification of Enterobacteria on the basis of urease and indole production and the transdeamination of tryptophan (TDA)	ISO 10273	●	●	●	●	●	●	●		
Violet Red Bile Agar with Glucose (VRBG)	LC1092		Cultivation and enumeration of Enterobacteria	Eur. Pharma ISO 21528	●	●	●	●	●		●		
Violet Red Bile Agar with Lactose (VRBL)	LC1093		Selective medium for detection and enumeration of Coliforms	ISO 4832	●		●	●	●				
Vogel-Johnson Agar	LC1079		Isolation of Staphylococcus aureus										●
Wilkins Chalgren Medium	LC1503		Susceptibility testing as well as for isolation and culture of anaerobic bacteria in general								●		●
Wilkins Chalgren II Medium	LC1568		general development and microbial sensitivity tests of anaerobic agents										●
WL Differential Agar	LC1026		Control of industrial fermentation processes							●			
WL Nutrient Agar	LC1086		Determination of microbial flora							●			
Wort Agar	LC1316		Cultivation and enumeration of yeasts			●	●			●			
Wort Broth	LC1444		Enumeration and count of yeasts			●	●			●			
XLD Agar	LC1274		Solid selective medium for isolation of Salmonella	ISO 6579	●		●	●	●				
XLD Agar (Xylose Lysine Desoxycholate)	LC1080		Isolation of enteropathogenic bacteria, especially from the genus of Shigella and Salmonella	Eur. Pharma		●							●
XLT4 Agar Base	LC1159	LC6062	Isolation of pathogenic Enterobacteria, especially Salmonella		●	●	●	●	●				
Yeast Extract Agar	LC1049		Nutrient medium for enumeration of a wide spectrum of bacteria, yeast and molds	ISO 6222		●							
Yeast Extract Agar (for molds)	LC1312		Cultivation of yeast and molds				●						
Yersinia Selective Agar Base	LC1126	LC6033	Selective Medium for yersinia enterocolitica	ISO 10273	●		●		●				



**Lauryl Sulfate Chromogenic Broth (LC1465)**

E.coli is detected by UV light.
Indol reaction can be detected.

Application:

For the simultaneous detection of E. Coli and total coliforms by fluorogenic procedure.

Incubation:

18-24 hrs at 35±2°C

Dehydrated chromogenic media**Reference Feature****Package****Suppl. Cat. No****General Use**

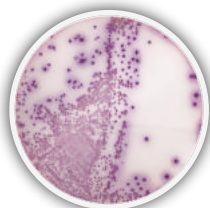
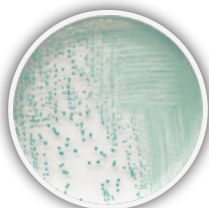
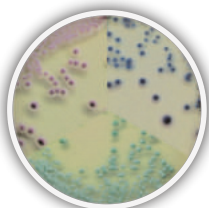
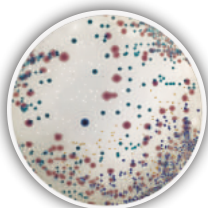
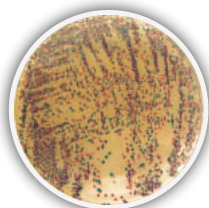
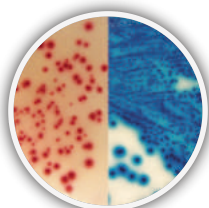
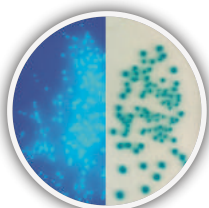
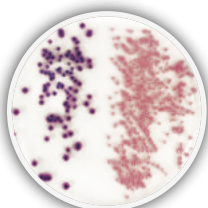
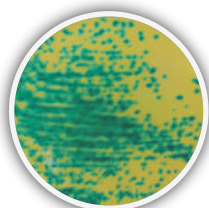
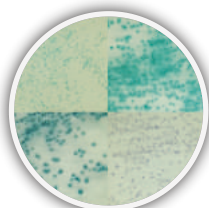
LC1588	E. Coli 0157:H7 Chromogenic Agar Base	500 grams	LC6064
LC1340	E. Coli Coliforms Chromogenic Medium	500 grams	
LC2096	Lauryl sulfate chromogenic agar	500 grams	
LC1493	Pseudomonas chromogenic agar	500 grams	
LC1122	Salmonella chromogenic agar	500 grams	LC6043
LC2076	Staphylococcus aureus chromogenic agar	500 grams	
LC1151	Tbx chromogenic agar iso 16649	500 grams	
LC2054	Vibrio chromogenic agar	500 grams	

Clinical Use

LC1382	Candida chromogenic agar	500 grams	
LC2062	Esbl chromogenic medium	500 grams	LC6042
LC2119	Klebsiella chromogenic agar base	500 grams	
LC2063	Kpc chromogenic agar	500 grams	LC6044
LC1423	Mrsa agar chromogenic	500 grams	LC6069
LC1498	Mrsa agar modified chromogenic	500 grams	LC6069
LC1424	Urinary tract infections chromogenic agar (utic)	500 grams	
LC2077	Vancomycin resistant enterococcus chromogenic agar	500 grams	

Industrial Use

LC1446	Chromogenic cronobacter insolation agar (cci) iso/ fdis 22964:2016	500 grams	
LC1285	EC Broth with MUG	500 grams	
LC2080	E.Coli coliforms chromogenic agar (cca) iso 9308	500 grams	
LC1491	E.Coli coliforms chromogenic agar base (boe)	500 grams	
LC2018	E.Coli enterobacteria chromogenic agar	500 grams	
LC1465	Lauryl sulfate chromogenic broth	500 grams	LC5205
LC1345	Listeria chromogenic agar base iso 11290-1 acc. to ottaviani and agosti (aloe)	500 grams	LC6031
LC1412	Mei agar base chromogenic	500 grams	LC6040
LC2050	Mei agar base chromogenic , modified	500 grams	
LC1585	Standard methods chromogenic agar (pca)	500 grams	
LC1313	Violet red bile agar + mug	500 grams	

**LC1122****LC1151****LC1382****LC1424****LC1423****LC2018****LC1446****LC2062****LC2096****LC2080****LC2077****LC2076**

Supplements and Additives

Reference	Feature	Package
LC6052	Ampicillin supplement (aeromonas)	Box of 10 vials for 500 ml/each
LC6021	Bacillus cereus supplement	Box of 10 vials for 500 ml/each
LC6070	Bolton selective supplement	Box of 10 vials for 500 ml/each
LC6015	Bordetella supplement	Box of 10 vials for 500 ml/each
LC6017	Brucella supplement	Box of 10 vials for 500 ml/each
LC6060	Modified brucella suplement	Box of 10 vials for 500 ml/each
LC6032	Burkholderia ceparia supplement	Box of 10 vials for 500 ml/each
LC6064	Cefixime tellurite (ct) supplement	Box of 10 vials for 500 ml/each
LC6069	Cefoxitin - mrsa supplement	Box of 10 vials for 500 ml/each
LC6036	Cfc pseudomonas supplement	Box of 10 vials for 500 ml/each
LC6033	C.I.N supplement	Box of 10 vials for 500 ml/each
LC6061	Clostridium difficile supplement	Box of 10 vials for 500 ml/each
LC6020	Clostridium perfringens supplement (TSC) (D-cycloserine)	Box of 10 vials for 500 ml/each
LC6053	Ccda supplement (campylobacter blood free)	Box of 10 vials for 500 ml/each
LC6016	Cna (staph/strep) supplement	Box of 10 vials for 500 ml/each
LC6041	E.Coli-coliforms supplement	Box of 10 vials for 500 ml/each
LC5152	Egg yolk emulsion	100 ml. flask
LC6038	Enrichment adc supplement	100 ml flask
LC6037	Enrichment oadc supplement	100 ml flask
LC6042	Esbl supplement	Box of 10 vials for 500 ml/each
LC6023	Fecal coliforms supplement	Box of 10 vials for 500 ml/each
LC6050	Ferric ammonium citrate supplement	Box of 10 vials for 500 ml/each
LC6001	Fraser listeria selective supplement (for 2,5 liters of medium)	Box of 2x5 vials for 500 ml/pair vials
LC6002	Half fraser listeria selective supplement (for 2,5 liters of medium)	Box of 2x5 vials for 500 ml/pair vials
LC6051	Ite supplement	Box of 10 vials for 480 ml/each
LC6055	Karmali supplement	Box of 10 vials for 500 ml/each
LC6045	Klebsiella selective supplement	Box of 10 vials for 500 ml/each
LC6044	Kpc supplement	Box of 10 vials for 500 ml/each
LC6012	Lcat supplement	Box of 10 vials for 500 ml/each
LC6022	Legionella bcye growth supplement	Box of 10 vials for 90 ml/each
LC6025	Legionella gvpC supplement	Box of 10 vials for 500 ml/each
LC6067	Legionella mwy	Box of 10 vials for 500 ml/each
LC6040	Listeria selective supplement	Box of 10 vials for 500 ml/each
LC6031	Listeria lipase c supplement	Box of 10 vials for 500 ml/each
LC6074	Mup supplement	Box of 10 vials for 500 ml/each
LC6018	Oga supplement	Box of 10 vials for 500 ml/each
LC6068	Oxacillin and polymyxin b selective supplement	Box of 10 vials for 500 ml/each
LC6003	Oxford listeria selective supplement (for 5 liters of medium)	Box of 10 vials
LC6004	Palcam listeria selective supplement (for 5 liters of medium)	Box of 10 vials
LC6011	Polyenrichment supplement	Box of 2x5 vials for 500 ml/pair vials
LC6071	Polyenrichment + cysteine +cystine supplement	Box of 10 vials for 500 ml/each
LC6019	Preston campylobacter supplement	Box of 10 vials for 500 ml/each
LC6024	R.P.F. Supplement	Box of 10 vials for 100 ml/each
LC6043	Salmonella chromogenic supplement	Box of 10 vials for 500 ml/each
LC5129	Tellurite egg yolk emulsion	100 ml. flask
LC6034	Tinsdale enrichment supplement	Box of 20 tubes for 15 ml/each
LC6030	Ttc 1% supplement	Box 10 vials (1 vial / 500 ml of medium)
LC6014	V.C.A.T. Supplement	Box of 10 vials for 500 ml/each
LC6013	V.C.N. Supplement	Box of 10 vials for 500 ml/each
LC6026	V.C.N.T. Supplement	Box of 10 vials for 500 ml/each
LC6072	Vancomycin supplement	Box of 10 vials for 10 ml/each
LC6073	M-cp supplement	Box of 3 x 10 vials. Each three vials for 500 ml of medium
LC6062	Xlt4 supplement	100 ml. flask

Antibiotic discs

Reference Feature

7000	Amikacin 30 µg 5x50 Discs
7037	Aminosidin 60 µg 5x50 Discs
7384	Amoxicilina 20 µg 5x50 Discs
7038	Amoxicillin 10 µg 5x50 Discs
7039	Amoxicillin 2 µg 5x50 Discs
7001	Amoxicillin 25 µg 5x50 Discs
7085	Amoxicillin 30 µg 5x50 Discs
7086	Amoxicillin/clavulanic acid 3 µg 5x50 Discs
7002	Amoxicillin/clavulanic acid 30 µg 5x50 Discs
7003	Amphotericin B 100 U µg 5x50 Discs
7087	Amphotericin B 20 U 5x50 Discs
7152	Ampicillin / sulbactam 30 µg 5X50 Discs
7004	Ampicillin 10 µg 5x50 Discs
7137	Ampicillin 2 µg 5x50 Discs
7400	Ampicillin 20 µg 5x50 Discs
7142	Ampicillin 25 µg 5x50 Discs
7095	Ampicillin 30 µg 5x50 Discs
7149	Ampicillin/cloxacillin 30 µg 5X50 Discs
7151	Ampicillin/dicloxacillin 11 µg 5X50 Discs
7005	Ampicillin/sulbactam 20 µg 5x50 Discs
7153	Apramycin 15 µg 5x50 Discs
7154	Apramycin 30 µg 5x50 5X50 Discs
7006	Azithromycin 15 µg 5x50 Discs
7155	Azithromycin 30 µg 5x50 Discs
7427	Azlocillin 30 µg 5x50 Discs
7096	Azlocillin 75 µg 5x50 Discs
7156	Aztreonam 10 µg 5X50 Discs
7007	Aztreonam 30 µg 5x50 Discs
7008	Bacitracin 0.04 U µg 5x50 Discs
7157	Bacitracin 10 U 5X50 Discs
7391	Bile Disc 5X50 Discs
7387	Blank Disc 5x50 Discs
7386	Blank Disc in Sachet 5x50 Discs
7161	Boronic acid 250 µg 5x50 Discs
7162	Boronic acid 300 µg 5x50 Discs
7163	Boronic acid 400 µg 5x50 Discs
7401	Carbenicillin 10 µg 5X50 Discs
7097	Carbenicillin 100 µg 5x50 Discs
7164	Carbenicillin 25 µg 5X50 Discs
7390	Caspofungin 5 µg 5x50 Discs
7165	Cefaclor 10 µg 5X50 Discs
7009	Cefaclor 30 µg 5x50 Discs
7098	Cefadroxil 30 µg 5x50 Discs
7010	Cefamandole 30 µg 5x50 Discs
7011	Cefazolin 30 µg 5x50 Discs
7166	Cefdinir 30 µg 5x50 Discs
7099	Cefdinir 5 µg 5x50 Discs
7392	Cefdinir 50 µg 5x50 Discs
7167	Cefditoren 5 µg 5x50 Discs
7402	Cefepime 10 µg 5x50 Discs
7012	Cefepime 30 µg 5x50 Discs
7403	Cefepime 5 µg 5x50 Discs
7404	Cefepime/clavulanic acid 15 µg 5x50 Discs
7013	Cefepime/clavulanic acid 40 µg 5x50 Discs
7168	Cefixime 10 µg 5x50 Discs
7014	Cefixime 30 µg 5x50 Discs
7015	Cefixime 5 µg 5x50 Discs
7428	Cefixime/clavulanic acid 30 µg 5x50 Discs

Reference Feature

7405	Cefixime/cloxacillin 40 µg 5x50 Discs
7406	Cefmetazole 30 µg 5X50 Discs
7169	Cefodizime 30 µg 5x50 Discs
7100	Cefonicid 30 µg 5x50 Discs
7170	Cefoperazone 30 µg 5x50 Discs
7016	Cefoperazone 75 µg 5x50 Discs
7171	Cefoperazone/sulbactam 105 µg 5X50 Discs
7101	Cefotaxime 10 µg 5x50 Discs
7017	Cefotaxime 30 µg 5X50 Discs
7018	Cefotaxime 5 µg 5x50 Discs
7019	Cefotaxime/boronic acid 430 µg 5x50 Discs
7407	Cefotaxime/clavulanic acid 15 µg 5X50 Discs
7020	Cefotaxime/clavulanic acid 40 µg 5X50 Discs
7393	Cefotaxime/cloxacillin 780 µg 5X50 Discs
7408	Cefotaxime/sulbactam 40 µg 5X50 Discs
7409	Cefotaxime/tazobactam 40 µg 5X50 Discs
7021	Cefotetan 30 µg 5X50 Discs
7429	Cefotiam 30 µg 5X50 Discs
7174	Cefoxitin 10 µg 5x50 Discs
7022	Cefoxitin 30 µg 5X50 Discs
7175	Cefoxitin/Boronic acid 430 µg 5x50 Discs
7410	Cefoxitin/cloxacillin 30 µg 5x50 Discs
7023	Cefpirome 30 µg 5X50 Discs
7024	Cefpodoxime 10 µg 5X50 Discs
7176	Cefpodoxime 30 µg 5x50 Discs
7177	Cefpodoxime/clavulanic acid 11 µg 5x50 Discs
7178	Cefpodoxime/clavulanic acid 40 µg 5x50 Discs
7102	Cefprozil 30 µg 5x50 Discs
7179	Cefquinome 10 µg 5x50 Discs
7180	Cefquinome 30 µg 5X50 Discs
7025	Cefsulodin 30 µg 5X50 Discs
7181	Ceftaroline 30 µg 5x50 Discs
7411	Ceftaroline 5 µg 5x50 Discs
7103	Ceftazidime 10 µg 5x50 Discs
7026	Ceftazidime 30 µg 5X50 Discs
7432	Ceftazidime/avibactam 20 µg 5X50 Discs
7182	Ceftazidime/boronic acid 430 µg 5X50 Discs
7027	Ceftazidime/clavulanic acid 40 µg 5X50 Discs
7412	Ceftazidime/clavulanic acid 20 µg 5X50 Discs
7394	Ceftazidime/cloxacillin 780µg 5x50 Discs
7183	Ceftazidime/tazobactam 40 µg 5x50 Discs
7104	Ceftibuten 30 µg 5x50 Discs
7184	Ceftiofur 30 µg 5X50 Discs
7028	Ceftizoxime 30 µg 5X50 Discs
7185	Ceftriaxone 10 µg 5x50 Discs
7029	Ceftriaxone 30 µg 5X50 Discs
7186	Ceftriaxone 5 µg 5X50 Discs
7187	Ceftriaxone/clavulanic acid 40 µg 5x50 Discs
7413	Ceftriaxone/tazobactam 40 µg 5x50 Discs
7030	Cefuroxime 30 µg 5x50 Discs
7188	Cefuroxime 5 µg 5X50 Discs
7189	Cefuroxime axetil 10 µg 5x50 Discs
7190	Cefuroxime axetil 30 µg 5X50 Discs
7031	Cephalexin 30 µg 5x50 Discs
7191	Cephalonium 30 µg 5x50 Discs
7433	Cephaloridine 30 µg 5x50 Discs
7414	Cephalothin 10 µg 5x50 Discs
7032	Cephalothin 30 µg 5x50 Discs



Antibiotic discs

Reference	Feature	Reference	Feature
7192	Cephadrine 30 µg 5x50 Discs	7234	Erythromycin 10 µg 5x50 Discs
7193	Chloramphenicol 10 µg 5x50 Discs	7048	Erythromycin 15 µg 5x50 Discs
7033	Chloramphenicol 30 µg 5x50 Discs	7235	Erythromycin 30 µg 5x50 Discs
7194	Chloramphenicol 5 µg 5x50 Discs	7236	Erythromycin 5 µg 5X50 Discs
7195	Chloramphenicol 50 µg 5x50 Discs	7417	Erythromycin 60 µg 5X50 Discs
7196	Chlortetracycline 30 µg 5X50 Discs	7237	Fleroxacin 5 µg 5x50 Discs
7197	Ciclopirox olamine 50 µg 5X50 Discs	7238	Florfenicol 30 µg 5x50 Discs
7105	Cinoxacin 100 µg 5x50 Discs	7239	Flucloxacillin 5 µg 5x50 Discs
7106	Ciprofloxacin 1 µg 5x50 Discs	7112	Fluconazole 10 µg 5x50 Discs
7199	Ciprofloxacin 10 µg 5x50 Discs	7240	Fluconazole 100 µg 5x50 Disc
7200	Ciprofloxacin 30 µg 5x50 Discs	7241	Fluconazole 25 µg 5X50 Discs
7034	Ciprofloxacin 5 µg 5x50 Discs	7242	Fluconazole 50 µg 5x50 ug 5X50 Discs
7201	Ciprofloxacin 50 µg 5x50 Discs	7113	Flucytosine 1 µg 5x50 Discs
7035	Clarithromycin 15 µg 5x50 Discs	7243	Flumequine 30 µg 5x50 Discs
7202	Clarithromycin 2 µg 5 µg 5x50 Discs	7049	Fosfomycin 200 µg 5x50 Discs
7203	Clarithromycin 5 µg 5x50 Discs	7418	Fosfomycin 30 µg 5x50 Discs
7415	Clavulanic acid 15 µg 5x50 Discs	7114	Fosfomycin 50 µg 5x50 Discs
7204	Clinafloxacin 5 ug 5x50 Discs	7244	Fosfomycin/trometamol 200 µg 5x50 Discs
7107	Clindamycin 10 µg 5x50 Discs	7245	Fosfomycin/trometamol 50 µg 5x50 Discs
7205	Clindamycin 15 µg 5x50 Discs	7246	Framycetin 100 µg 5 µg 5x50 Discs
7040	Clindamycin 2 µg 5x50 Discs	7247	Furazolidone 100 µg 5X50 Discs
7041	Clotrimazole 10 µg 5x50 Discs	7248	Furazolidone 15 µg 5x50 Discs
7416	Clotrimazole 20 µg 5x50 Discs	7249	Furazolidone 50 µg 5X50 Discs
7206	Clotrimazole 300 µg 5x50 Discs	7050	Fusidic acid 10 µg 5x50 Discs
7207	Clotrimazole 50 µg 5x50 Discs	7250	Fusidic acid 30 µg 5x50 Discs
7108	Cloxacillin 1 µg 5x50 Discs	7251	Fusidic acid 5 µg 5 µg 5x50 Discs
7208	Cloxacillin 10 µg 5x50 Discs	7252	Fusidic acid 50 µg 5x50 Discs
7209	Cloxacillin 30 µg 5x50 Discs	7253	Garenoxacin 5 µg 5 µg 5x50 Discs
7210	Cloxacillin 5 µg 5x50 Discs	7254	Gatifloxacin 10 µg 5X50 Discs
7211	Cloxacillin 500 µg 5 µg 5x50 Discs	7255	Gatifloxacin 30 µg 5 µg 5x50 Discs
7043	Colistin 10 µg 5x50 Discs	7115	Gatifloxacin 5 µg 5x50 Discs
7212	Colistin 100 µg 5X50 Discs	7116	Gemifloxacin 5 µg 5x50 Discs
7213	Colistin 25 µg 5x50 Discs	7051	Gentamicin 10 µg 5x50 Discs
7430	Colistin 40 µg 5x50 Discs	7117	Gentamicin 120 µg 5x50 Discs
7214	Colistin 50 µg 5x50 Discs	7256	Gentamicin 15 µg 5x50 Discs
7215	Danofloxacin 5 µg 5X50 Discs	7257	Gentamicin 200 µg 5x50 Discs
7216	Daptomycin 30 µg 5X50 Discs	7258	Gentamicin 250 µg 5x50 Discs
7217	Dibekacin 10 ug 5x50 Discs	7118	Gentamicin 30 µg 5x50 Discs
7385	Dicloxacinil 1 µg 5x50 Discs	7259	Gentamicin 50 µg 5X50 Discs
7218	Difloxacin 10 ug 5x50 Discs	7119	Gentamicin 500 µg 5x50 Discs
7147	Dirithromycin 15 µg 5x50 Discs	7260	Griseofulvin 10 µg 5x50 Discs
7158	Dispenser (6 Magazine)	7052	Imipenem 10 µg 5x50 Discs
7219	Dispenser (8 Magazine)	7227	Imipenem/ EDTA 10 µg 5x50 Discs
7110	Doripenem 10 µg 5x50 Discs	7198	Imipenem/Cilastatin 20 µg 5x50 Discs
7220	Doxycycline 10 µg 5x50 Discs	7226	Imipenem/EDTA 292 µg 5x50 Discs
7044	Doxycyclina 30 µg 5x50 Discs	7228	Imipenem/EDTA 750 µg 5x50 Discs
7221	Econazole 10 µg 5X50 Discs	7262	Isepamicin 30 µg 5X50 Discs
7045	Econazole 50 µg 5x50 Discs	7263	Isoniazid 1 µg 5X50 Discs
7222	EDTA 750 µg 5X50 Discs	7264	Isoniazid 5 µg 5x50 Discs
7223	EDTA 930 µg 5x50 Discs	7120	Itraconazole 10 µg 5x50 Discs
7231	EDTA/SMA 750 µg 5X50 Discs	7265	Itraconazole 50 µg 5X50 Discs
7111	Enoxacin 10 µg 5x50 Discs	7054	Kanamycin 1000 µg 5x50 Discs
7232	Enrofloxacin 10 µg 5x50 Discs	7266	Kanamycin 2 µg 5X50 Discs
7233	Enrofloxacin 5 µg 5x50 Discs	7053	Kanamycin 30 µg 5x50 Discs
7047	Ertapenem 10 µg 5x50 Discs	7267	Kanamycin 5 µg 5X50 Discs
7395	Ertapenem/cloxacillin 760 µg 5x50 Discs	7268	Kanamycin 50 µg 5X50 Discs
7224	Ertapenem/EDTA 292 µg 5X50 Discs	7419	Kanamycin/cephalexin 45 µg 5X50 Discs
7225	Ertapenem/EDTA 750 µg 5 µg 5x50 Discs	7269	Ketoconazole 10 µg 5X50 Discs

Antibiotic discs

Reference Feature

7055	Ketoconazole 50 µg 5x50 Discs
7270	Levofloxacin 1 µg 5X50 Discs
7271	Levofloxacin 15 µg 5x50 Discs
7056	Levofloxacin 5 µg 5X50 Discs
7272	Lincomycin 10 µg 5X50 Discs
7057	Lincomycin 15 µg 5x50 Discs
7273	Lincomycin 2 µg 5x50 Discs
7274	Lincomycin 30 µg 5x50 Discs
7275	Lincomycin/neomycin 75 µg 5x50 Discs
7276	Lincomycin/spectinomycin 109 µg 5x50 Discs
7122	Linezolid 10 µg 5x50 Discs
7121	Linezolid 30 µg 5x50 Discs
7277	Linezolid 5 µg 5x50 Discs
7123	Lomefloxacin 10 µg 5x50 Discs
7278	Lomefloxacin 30 µg 5x50 Discs
7148	Loracarbef 10µg 5x50 Discs
7431	Loracarbef 30µg 5x50 Discs
7279	Marbofloxacin 5 µg 5x50 Discs
7058	Mecillinam 10 µg 5x50 Discs
7280	Mecillinam 25 µg 5x50 Discs
7059	Meropenem 10 µg 5x50 Discs
7397	Meropenem 10 µg/boronic acid 610 µg 5X50 Discs
7388	Meropenem/Cloxacillin 760 µg 5x50 Discs
7389	Meropenem/Dipicilonic acid 1010 µg 5x50 Disc
7229	Meropenem/EDTA 292 µg 5x50 Discs
7230	Meropenem/EDTA 750 µg 5X50 Discs
7435	Meropenem/EDTA 930 µg 5X50 Discs
7396	Meropenem/phenyl boronic acid 400 µg 5X50 Discs
7281	Methicillin 10 µg 5x50 Discs
7282	Methicillin 30 µg 5x50 Discs
7283	Methicillin 5 µg 5X50 Discs
7284	Metronidazole 10 µg 5x50 Discs
7285	Metronidazole 2,5 µg 5x50 Discs
7286	Metronidazole 30 µg 5x50 Discs
7287	Metronidazole 4 µg 5x50 Discs
7124	Metronidazole 5 µg 5x50 Discs
7288	Metronidazole 50 µg 5x50 Discs
7289	Metronidazole 80 µg 5x50 Discs
7126	Mezlocillin 30 µg 5x50 Discs
7125	Mezlocillin 75 µg 5x50 Discs
7060	Miconazole 10 µg 5x50 Discs
7420	Miconazole 30 µg 5x50 Discs
7290	Miconazole 50 µg 5x50 Discs
7291	Minocycline 25 µg 5x50 Discs
7061	Minocycline 30 µg 5x50 Discs
7127	Moxalactam 30 µg 5x50 Discs
7292	Moxifloxacin 1 µg 5X50 Discs
7062	Moxifloxacin 5 µg 5X50 Discs
7293	Mupirocin 20 µg 5x50 Discs
7129	Mupirocin 200 µg 5x50 Discs
7128	Mupirocin 5 µg 5x50 Discs
7130	Nafcillin 1 µg 5x50 Discs
7063	Nalidixic acid 30 µg 5x50 Discs
7383	Neomycin 10 µg 5X50 Discs
7064	Neomycin 30 µg 5x50 Discs
7294	Neomycin 5 µg 5 x50 Discs
7295	Neomycin B 10 µg 5X50 Discs
7296	Netilmicin 10 µg 5x50 Discs

Reference Feature

7065	Netilmicin 30 µg 5X50 Discs
7421	Netilmicin 5 µg 5x50 Discs
7297	Nitrocefin 5x50 Discs
7131	Nitrofurantoin 100 µg 5x50 Discs
7298	Nitrofurantoin 200 µg 5x50 Discs
7066	Nitrofurantoin 300 µg 5x50 Discs
7299	Nitrofurantoin 50 µg 5x50 Discs
7132	Nitrofurazone 100 µg 5x50 Discs
7300	Nitroxoline 20 µg 5X50 Discs
7301	Nitroxoline 30 µg 5X50 Discs
7067	Norfloxacin 10 µg 5x50 Discs
7302	Norfloxacin 2 µg 5x50 Discs
7303	Norfloxacin 30 µg 5X50 Discs
7133	Norfloxacin 5 µg 5x50 Discs
7304	Novobiocin 10 µg 5x50 Discs
7305	Novobiocin 30 µg 5x50 Discs
7068	Novobiocin 5 µg 5x50 Discs
7069	Nystatin 100 U 5X50 Discs
7307	O129 10 µg 5X50 Discs
7308	O129 150 µg 5 x50 Discs
7070	Ofloxacin 10 µg 5x50 Discs
7309	Ofloxacin 2 µg 5x50 Discs
7071	Ofloxacin 5 µg 5X50 Discs
7310	Oleandomycin 15 µg 5x50 Discs
7072	ONPG 5x50 Discs
7073	Optochin 5 µg 5x50 Discs
7311	Orbifloxacin 10 µg 5x50 Disc
7074	Oxacillin 1 µg 5x50 Discs
7312	Oxacillin 10 µg 5x50 Discs
7313	Oxacillin 5 µg 5x50 Discs
7146	Oxidase Disc 5x50 Disc
7075	Oxidase Test 1 x 50 Strips
7422	Oxolinic acid 10 µg 5x50 Discs
7314	Oxolinic acid 2 µg 5x50 Discs
7315	Oxytetracycline 30 µg 5x50 Discs
7316	Paromomycin 10 µg 5x50 Discs
7076	Pefloxacin 5 µg 5x50 Discs
7134	Penicillin G 1 U 5x50 Discs
7317	Penicillin G 1.5 U µg 5x50 Discs
7077	Penicillin G 10 U 5x50 Discs
7318	Penicillin G 2 U µg 5X50 Discs
7319	Penicillin G 5 U µg 5X50 Discs
7320	Penicillin V 10 U µg 5x50 Discs
7306	Penicillin/novobiocin 40 µg 5x50 Discs
7321	Pimaricin 10 µg 5x50 Discs
7423	Pipemidic acid 2 µg 5x50 Discs
7322	Pipemidic acid 20 µg 5x50 Discs
7323	Pipemidic acid 30 µg 5X50 Discs
7078	Piperacillin 100 µg 5x50 Discs
7135	Piperacillin 30 µg 5x50 Discs
7324	Piperacillin 75 µg 5X50 Discs
7079	Piperacillin/tazobactam 110 µg 5x50 Discs
7136	Piperacillin/tazobactam 36 µg 5x50 Discs
7325	Piperacillin/tazobactam 40 µg 5x50 Discs
7326	Piperacillin/tazobactam 85 µg 5x50 Discs
7327	Pirlimycin 2 µg 5X50 Discs
7328	Polymixin B 100 U 5X50 Discs
7080	Polymixin B 300 U µg 5x50 Discs

Antibiotic discs

Reference Feature

7329	Polymixin B 50 U µg 5x50 Discs
7330	Posaconazole 5 µg 5x50 Discs
7331	Pristinamycin 15 µg 5x50 Discs
7172	Prulifloxacin 5 µg 5X50 Discs
7333	PYR 1 x 50 Strips
7332	PYR 50 5x50Discs
7109	Quinupristin/dalfopristin 15 µg 5x50 Discs
7424	Rifampin (Rifampicin) 1 µg 5x50 Discs
7334	Rifampin (Rifampicin) 15 µg 5x50 Discs
7335	Rifampin (Rifampicin) 2 µg 5x50 Discs
7336	Rifampin (Rifampicin) 30 µg 5X50 Discs
7081	Rifampin (Rifampicin) 5 µg 5x50 Discs
7337	Rifamycin SV 30 µg 5X50 Discs
7338	Rifaximin 40 µg 5X50 Discs
7339	Roxithromycin 15 µg 5X50 Discs
7340	Roxithromycin 30 µg 5x50 Discs
7341	Sarofloxacin 5 µg 5X50 Discs
7342	Sisomycin 10 µg 5X50 Discs
7343	Sodium polyanethol sulfonate 5X50 Discs
7344	Sparfloxacin 10 µg 5X50 Discs
7138	Sparfloxacin 5 µg 5x50 Discs
7345	Spectinomycin 10 µg 5x50 Discs
7082	Spectinomycin 100 µg 5x50 Discs
7346	Spectinomycin 25 µg 5X50 Discs
7139	Spiramycin 10 µg 5x50 Discs
7347	Spiramycin 100 µg 5x50 Discs
7348	Spiramycin 30 µg 5x50 Discs
7083	Streptomycin 10 µg 5x50 Discs
7349	Streptomycin 25 µg 5x50 Discs
7084	Streptomycin 300 µg 5x50 Discs
7140	Streptomycin 500 µg 5x50 Discs
7350	Sulfadiazine 100 µg 5x50 Discs
7351	Sulfadiazine 300 µg 5X50 Discs
7353	Sulfathiazole 300 µg 5x50 Discs
7141	Sulfisoxazole 250 µg 5x50 Discs
7354	Sulfisoxazole 30 µg 5x50 Discs
7355	Sulfisoxazole 300 µg 5x50 Discs
7356	Sulphamethoxazole 100 µg 5X50 Discs
7357	Sulphamethoxazole 200 µg 5X50 Discs
7358	Sulphamethoxazole 25 µg 5x50 Discs
7359	Sulphamethoxazole 300 µg 5X50 Discs
7360	Sulphamethoxazole 50 µg 5x50 Discs
7088	Teicoplanin 30 µg 5x50 Discs
7434	Teicoplanin/norfloxacin 5x50 Discs
7089	Telithromycin 15 µg 5x50 Discs
7143	Temocillin 30 µg 5x50 Discs
7361	Terbinafine 30 µg 5x50 Discs
7362	Tetracycline 10 µg 5x50 Discs
7090	Tetracycline 25 µg 5x50 Discs
7091	Tetracycline 30 µg 5x50 Discs
7425	Tetracycline 5 µg 5x50 Discs
7363	Thiamphenicol 30 µg 5x50 Discs
7398	Tiamullin 30 µg 5x50 Discs
7426	Tiamullin 50 µg 5x50 Discs
7092	Ticarcillin 75 µg 5x50 Discs
7144	Ticarcillin/clavulanic acid 85 µg 5x50 Discs
7093	Tigecycline 15 µg 5x50 Discs

Reference Feature

7364	Tilmicosin 15 µg 5X50 Discs
7094	Tobramycin 10 µg 5x50 Discs
7365	Tobramycin 30 µg 5X50 Discs
7150	Trigger Antibiotic Disc Dispenser
7366	Trimethoprim 1,25 µg 5X50 Discs
7367	Trimethoprim 10 µg 5x50 Discs
7368	Trimethoprim 2,5 µg 5 x50 Discs
7046	Trimethoprim 25 µg 5x50 Discs
7369	Trimethoprim 30 µg 5X50 Discs
7370	Trimethoprim 5 µg 5x50 Discs
7352	Trimethoprim Sulfadiazine 30 µg 5x50 Discs
7042	Trimethoprim/sulphamethoxazol 25 µg 5x50 Discs
7371	Triple sulphonamides 1000 µg 5X50 Discs
7372	Triple sulphonamides 250 µg 5X50 Discs
7373	Triple sulphonamides 300 µg 5x50 Discs
7399	Trovaflaxacin 10 µg 5x50 Discs
7374	Tulathromycin 30 µg 5X50 Discs
7375	Tylosin 15 µg 5X50 Discs
7376	Tylosin 30 µg 5X50 Discs
7377	Tylosin 60 µg 5X50 Discs
7378	V factor disc 5X50 Discs
7379	Vancomycin 10 µg 5X50 Discs
7173	Vancomycin 120 µg 5X50 Discs
7145	Vancomycin 30 µg 5x50 Discs
7380	Vancomycin 5 µg 5x50 Discs
7381	Virginamycin 15 µg 5X50 Discs
7382	Voriconazole 1 µg 5X50 Discs
7159	X + V factor disc 5X50 Discs
7160	X factor disc 5X50 Discs

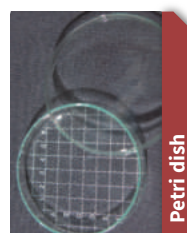


YOU MAY ALSO LIKE:

→ **Petri dish** (ref. 50585412)

→ **Analytic Balance** (ref. RWWLY6/D2)

→ **Culture tube** (ref. 36435125)



Molecular Biology

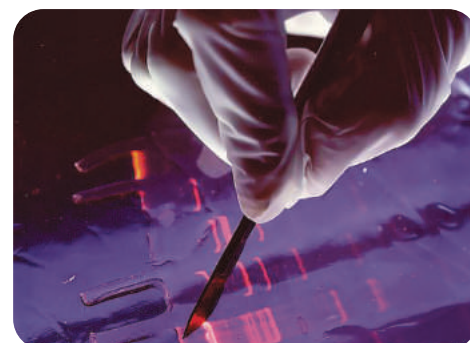
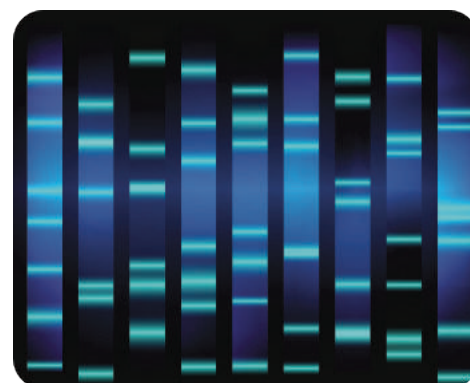
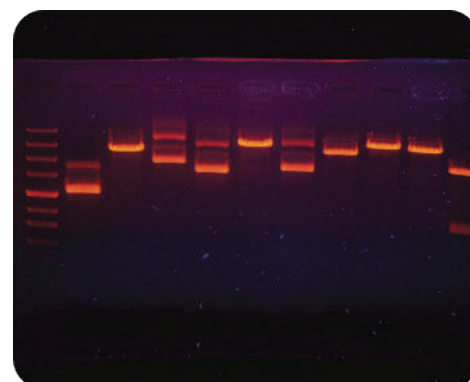
Agaroses

	Reference		Moisture	Ash	Electroendosmosis	Sulfate	Clarity 1.5%	Gel Strength 1% (g/cm2)	Gel Strength 1.5% (g/cm2)	Gelling Temperature 1.5% (°C)	Melting Temperature 1.5% (°C)
Standard	8100	E	≤ 10%	≤ 0.4%	0.05-0.13	≤ 0.1%	≤ 4	≥ 1000	≥ 2200	36 ± 1.5	88 ± 1.5
	8010	D1 LOW EEO	≤ 10%	≤ 0.45%	0.05-0.13	≤ 0.1%	≤ 3	≥ 1200	≥ 2500	36 ± 1.5	88 ± 1.5
	8019	D1 MEDIUM EEO	≤ 10%	≤ 1%	0.16-0.19	≤ 0.14%	≤ 4	≥ 1000	≥ 2200	36 ± 1.5	88 ± 1.5
	8024	D1 HIGH EEO	≤ 10%	≤ 0.4%	0.23-0.26	≤ 0.2%	≤ 4	≥ 750	≥ 1200	36 ± 1.5	88 ± 1.5
	8017	D1 LOW EEO - GQT	≤ 10%	≤ 0.5%	0.05-0.13	≤ 0.1%	≤ 3	≥ 1200	≥ 2500	36 ± 1.5	88 ± 1.5
	8032	D2	≤ 10%	≤ 0.4%	≤ 0.14	≤ 0.2%	≤ 4	≥ 900	≥ 1200	42 ± 1.5	87 ± 1.5
	8045	D5	≤ 10%	≤ 0.25%	≤ 0.12	≤ 0.12%	≤ 4	≥ 1800	≥ 3200	36 ± 1.5	88 ± 1.5
	8090	F.P. DNA	≤ 10%	≤ 0.4%	≤ 0.13	≤ 0.14%	-	≥ 1400	-	36 ± 1.5	88 ± 1.5
Low melting point	8092	SIEVE	≤ 10%	≤ 0.4%	≤ 0.10	≤ 0.12%	-	(4%) ≥ 1000	-	(4%) ≤ 35	(4%) ≤ 65
	8093	NOVAGEL GQT	≤ 10%	≤ 0.4%	≤ 0.13	≤ 0.12%	(4%) ≤ 6	(4%) ≥ 800	-	(4%) ≤ 35	(4%) ≤ 65
	8050	LM	≤ 10%	≤ 0.3%	≤ 0.12	≤ 0.12%	≤ 4	-	≥ 500	24-28	≤ 65.5
	8091	LM GQT	≤ 10%	≤ 0.45%	≤ 0.12	≤ 0.12%	≤ 4	-	≥ 500	24-28	≤ 65.5
High (DNA) Resolution	8075	M.S. - 4	≤ 10%	≤ 0.4%	≤ 0.12	≤ 0.11%	(3%) ≤ 6	(3%) ≥ 500	-	(3%) ≤ 31	(3%) ≤ 76
	8001	M.S. - 6	≤ 10%	≤ 0.4%	≤ 0.12	≤ 0.1%	(3%) ≤ 4	(3%) ≥ 800	-	(3%) ≤ 35	(3%) ≤ 75
	8065	M.S. - 8	≤ 10%	≤ 0.4%	≤ 0.12	≤ 0.11%	(3%) ≤ 5	(3%) ≥ 600	-	(3%) ≤ 35.5	(3%) ≤ 80
	8067	M.S. - 12	≤ 10%	≤ 0.4%	≤ 0.12	≤ 0.11%	≤ 5	(1.5%) ≥ 2000	-	(4%) ≤ 40.5	(4%) ≤ 93

Agarose staining		
Reference	Feature	Package
LCKK130	Prona Safe Stain	1 ml

Agarose applicaÇons

Reference	AnalyÇcal separaÇon ≥ 1000 bp	AnalyÇcal separaÇon ≤ 1000 bp	PreparaÇve electrophoresis	PFGE	DNA typing	BloĒ ng	Fine resoluÇon	In-gel applicaÇons	Protein electrophoresis
8100	•					•			
8010	•				•	•			
8019									•
8024									•
8017	•		•		•	•			
8032	•								•
8045	•			•		•			
8090	•				•	•			
8092		•	•				•	•	
8093		•	•				•	•	
8050	•								
8091	•		•					•	
8075		•					•		•
8001		•					•		•
8065		•					•		•
8067		•				•			



Dehydrated culture media

Reference	Feature	
1560	Aminoacid mix	100 grams
1543	Grace's medium supplement	100 grams
1540	Induction base medium	500 grams
1083	Lb agar (lennox)	500 grams
1231	Lb broth (lennox)	500 grams
2039	Lb (lennox) vegetal agar	500 grams
2038	Lb (lennox) vegetal broth	500 grams
1308	LURIA AGAR (Miller's modification)	500 grams
1266	LURIA BROTH (Miller's modification)	500 grams
1552	Luria agar (miller's lb agar)	500 grams
1551	Luria broth (miller's lb broth)	500 grams
1549	Nzcym broth	500 grams
1542	Rm base agar medium	500 grams
1538	Rm base medium	500 grams
1432	Slb AGAR	500 grams
1163	Slb BROTH	500 grams
1199	Slb BROTH (BUFFERED)	500 grams
1541	Sob medium	500 grams
2019	Soc medium	500 grams
1246	Terrific broth	500 grams
1548	Terrific broth modified	500 grams
1499	Terrific broth (no animal origin)	500 grams
1545	Yeast nitrogen base w/o added aminoacids & w/ ammonium sulfate	500 grams
1553	Yeast nitrogen base w/o added aminoacids & w/o ammonium sulfate	500 grams
1513	Yp agar base medium	500 grams
1511	Yp base medium	500 grams
1546	Ypd agar	500 grams
1547	Ypd broth	500 grams
1167	2xyt AGAR	500 grams
1507	2xyt MEDIUM	500 grams

Peptones, agars and ingredients

Agar

Reference	Feature	Package
1802	American bacteriological agar	500 grams
1803	Bacteriological p agar	500 grams
1800	European bacteriological agar	500 grams
1804	Industrial agar	500 grams
1816	Pharmaceutical agar	500 grams
1812	Plant propagation agar (ppa)	500 grams
1806	Purified agar	500 grams

Carbohydrates and Glucosides (Bacteriological Grade)

Reference	Feature	Package
1900	Dextrose	500 grams
1902	Lactose	500 grams
1904	Maltose certified	500 grams
1906	Sucrose	500 grams

Peptones

Reference	Feature	Package
1604	Acid casein peptone (h)	500 grams
1704	Bacteriological gelatin	500 grams
1710	Bacteriological oxbile	500 grams
1616	Bacteriological peptone	500 grams
1700	Beef extract	500 grams
1706	Bile salts n° 3	500 grams
1603	Casein c.C. Peptone	500 grams
1602	Casein peptone	500 grams
1718	Casein peptone n° 3	500 grams
1606	Gelatin peptone	500 grams
1714	Heart infusion	500 grams
1626	Lactalbumin hydrolisate	500 grams
1703	Liver peptone	500 grams
1708	Malt extract	500 grams
1600	Meat peptone	500 grams
1922	Mycological peptone	500 grams
1628	Peptonized milk	500 grams
1610	Polypeptone	500 grams
1712	Pork brain heart infusion	500 grams
1716	Pork heart infusion	500 grams
1624	Pork meat peptone	500 grams
1607	Proteose peptone n° 3	500 grams
1609	Proteose peptone	500 grams
0230	Skimmed milk powder	500 grams
1608	Soy peptone	500 grams
1615	Soy peptone gmo-free animal free	500 grams
1612	Tryptone	500 grams
1614	Tryptose	500 grams
1702	Yeast extract	500 grams

YOU MAY ALSO LIKE:

→ **Electronic pipette single channel** (ref. GF81013)

→ **Electronic pipette multichannel** (ref. BH735021)

Check our **Liquid Handling** section for more details and models



Staining

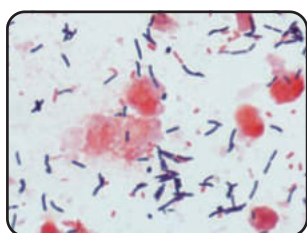
NORMAX has established a collaboration with QCA in a diversity of products for the biodiagnostics field.

Based on the newest technologies, our partner has been developing IVD reagents in several fields of human diagnostics:

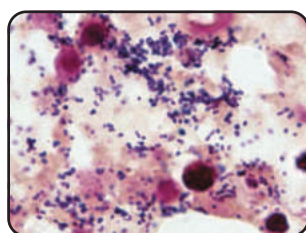
- Clinical chemistry;
- Microbiology;
- Histopathology & Haematology.

Bacteriology Stains

Reference	Feature	Package (mL)
Q993855	Auramine	1000
Q999356	Auramine – Rhodamine	6 x 250
Q997217	Carbol Fuchsin	1000
Q999399	Carbol Fuchsin Tensoactive	1000
Q997928	Carbol Gentian Violet	500
Q995202	Crystal Violet	1000
Q990489	Gram Decolorizer	1000
Q997217	Gram Fuchsin	1000
Q998800	Gram PVP Kit (crystal violet + iode PVP + Gram decolorizer + Safranin)	4 x 250
Q995583	Iodine PVP	500
Q998842	Iodine Solution (Lugol)	1000
Q998977	Kühne's Methylene Blue	1000
Q990962	Löffler's Methylene Blue	500
Q996860	MT Decolorizer	1000
Q994370	MT Potassium Permanganate	1000
Q998715	Safranin	1000
Q999320	TB Auramine – Rhodamine (Truant) Kit	3 x 250
Q993810	TB Auramine (morse) Kit: (Auramine (morse) + decolorizer + potassium permanganate)	3 x 250
Q997115	TB Decolorizer (BK)	1000
Q992505	TB Kinyoun Kit	3 x 250
Q990879	TB Ziehl – Neelsen Kit	3 x 250
Q998272	TB Ziehl – Neelsen Tensoactive Kit	3 x 250



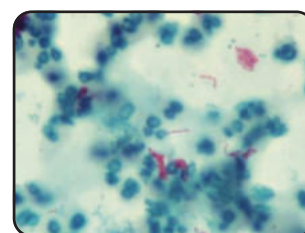
Gram PVP Kit
Clostridium sp. in feces
(ref. Q998800)



Gram PVP Kit
Gram + bacilli in the intestine
(ref. Q998800)



TB Kinyoun Kit
Stain of acid-alcohol resistant bacilli. Mixed culture.
(Ref. Q992505)



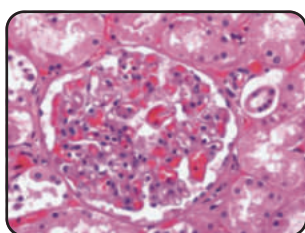
TB Ziehl-Neelsen Kit
Stain of acid-alcohol resistant bacilli in sputum
(Ref. Q990879)

Microbiology Stains

Reference	Feature	Package (mL)
Q990030	Acridin Orange	250
Q994970	Lactophenol blue	100
Q998989	Malachite green	2 x 100

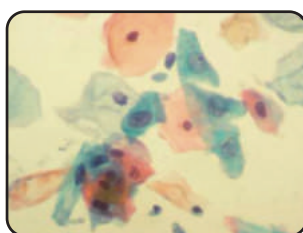
Histopathology Stains

Reference	Feature	Package (mL)
Q993285	Alcian Blue	250
Q991415	Alcoholic Eosin 1%	1000
Q991643	Carazzi's Hematoxylin	1000
Q996518	Eosin – Nigrosin	2 x 10
Q993006	Eosin 1% (Aqueous)	1000
Q992232	Harris' Hematoxylin	500
Q997750	Mayer's Hematoxylin	1000
Q996768	Perl's Staining	200
Q996989	Polychromic Solution EA-36	1000
Q991907	Polychromic Solution EA-50	500
Q996964	Polychromic Solution EA-65	1000
Q997602	Polychromic Solution OG-6	2500
Q994502	Sudan black	2 x 100



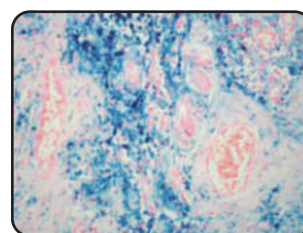
Hematoxylin-eosin staining
Glomerulus (kidney)

(Ref. Q991415)



Papanicolaou staining
Cytology of squamous cells

(Ref. Q991643 or Q992232 or Q997750)



Perl's staining
Iron deposits in epidermal tissue

(Ref. Q996768)

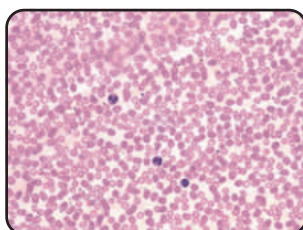
Haematology Stains

Reference	Feature	Package (mL)
Q993660	Brilliant Cresyl Blue	100
Q990939	Giemsa	1000
Q999718	May Grünwald	1000
Q996513	Phosphate Buffer - Giemsa, pH 7.2	8 x 25
Q990345	Quick Panoptic, Concentrated (1:10)	3 x 100
Q993090	Quick Panoptic, Kit (ready to use)	3 x 500
Q998566	Quick Panoptic. Reagent Nr. 1	1000
Q994878	Quick Panoptic. Reagent Nr. 2	1000
Q990091	Quick Panoptic. Reagent Nr. 3	1000
Q997939	Wright	500



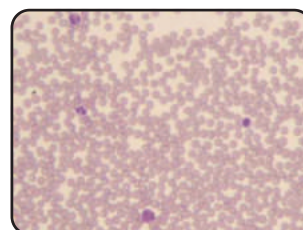
May Grünwald staining/Giemsa staining
Blood smear

(Ref. Q999718/Q990939)



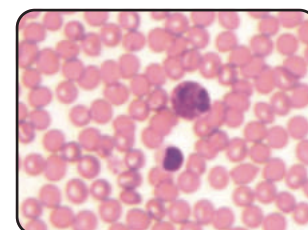
Wright staining
Blood smear

(Ref. Q997939)



Quick panoptic staining
Blood smear

(Ref. Q993090)



Quick panoptic staining
Blood smear

(Ref. Q993090)



Ancillary products

Reference	Feature	Package (mL)
Q998102	Immersion Oil (for microscopy)	100
Q995711	Vaseline Oil	1000
Q996054	Deionized water (conduct. <2μS/cm)	1000
Q998640	Decalcifier (for bone biopsy)	2500
Q995640	Fast decalcifier (for bone marrow biopsy)	1000
Q990433	Bouin ´s Fixative	1000
Q991005	Formaldehyde 4.0% p/v (formalin 10% aprox.) (pH 7; stab. methanol)	1000
Q991310	Formaldehyde 30 – 35% p/v (formalin) (pH 7, stab. methanol)	1000
Q990250	Formalin Substitute	5000
Q995967	Glycerine	1000
Q991528	Hayem	500
Q995450	Paraffin Chunks (m.p. 52-54°C)	5000
Q994646	Paraffin Pearls (m.p. 56-58°C) (for histology)	1000g
Q991095	Phosphate Buffer Saline (PBS) (pH 7.2 - 150mM)	10 x 1000
Q996972	Türk	500
Q998803	Xylene Substitute	5000

Note: other quantity package might be available

YOU MAY ALSO LIKE:

- **Microscopes slides** (ref. 5470207C)
- **Staining jar Hellendahl** (ref. 4431000)
- **Microscope B-159, Binocular** (ref. OB-159)



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S4002428	138	S5600076	43	S6028612	86	V139593	99	V39894	97	V649081	92	WBactD003	161
S4002516	138	S5726013	85	S6028614	86	V139693	99	V39994	97	V649941	92	WBactD004	161
S4002517	138	S5726016	85	S6032011	141	V139793	99	V40093	97	V650081	92	WBactD005	161
S4002518	138	S5726113	85	S6032012	142	V139893	99	V40193	97	V650941	92	WBactD006	161
S4002628	155	S5726116	85	S6099120	88	V1607515	196	V40293	97	V651081	92	WBactD007	161
S4100075	85	S5726213	85	S6099150	88	V1607525	196	V40393	97	V651941	92	WBactD008	161
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Sales conditions

Price list:

End user price list. For distributor price, the applicable discount should be deducted.
Prices are EXW NORMAX Lda., Rua Santa Isabel, 17 - 2430-475 Marinha Grande - Portugal.
Valid until 31st December 2019.
We reserve the right to adjust the price in case of unforeseen increases in raw materials.

Minimum of orders:

Minimum order value of 500 EUR freight cost excluded required for Europe. For the rest of the world, a minimum order value of 1,000 EUR/USD freight cost excluded is required. Orders below these amounts will have an handling fee of Eur. 50,00.

Added charges, when applicable:

Certificate of origin signed by our local Chamber of Commerce: 70 €.
Legalisation of invoice by our local Chamber of Commerce: 150 € each invoice. Legalisation of any other document at any Embassy or Consulate, or Apostille Convention: According to the charges incurred by NORMAX, Lda.
Quotation requests and order confirmation:
We will validate only quotations or proforma invoice requests by written when including our code references & quantities.

Partial deliveries:

In the absence of a special request or agreement, we are able to provide partial deliveries.
For production reasons, a variation of 15% in the ordered quantity is permissible and it shall be accepted and paid by the customer.

Packaging:

Standard cardboard boxes.

The use of wooden pallets will have an additional cost of 10 €. The use of wooden pallet covered with cardboard box (for pallets up to 1,5 m high, only) in addition to standard packing will be charged at 16 € per pallet.

Credit and payment terms:

Unless otherwise agreed, for orders that do not exceed 10,000 EUR, payment of 100% of the order value shall be made before shipment of the Goods. For orders equal to or exceeding 10,000 EUR, a down payment of 30% of the total order value shall be made by bank transfer at order confirmation date. The remaining 70% shall be paid when goods are ready to be shipped. We expect to receive the remaining payment within 7 days after Goods are ready to be shipped; failure to comply will imply cancellation of the order. If a cancellation of order should occur, we reserve the right to keep the down payment to cover our expenses. Payments by Letter of Credit or Cash Against Documents are accepted only for orders exceeding 10,000 EUR/USD freight charges excluded. When partial deliveries are accepted, due date is calculated when each shipment is made and not when the complete order is shipped. We reserve the right to reject new orders or to cancel any outstanding shipment, when invoices are pending to be paid.

Broken, missing or non-accepted products at goods reception:

In case of receipt of damaged cartons or pallets, it should be immediately reported to the transport company by describing the event in the transporter delivery documents. Also, photos of the damaged packaging and goods will be required.
In case breakage with no damaged packaging, photos are also required.

Return of goods:

The return of goods shall not be accepted if not previously approved by our services.
The freight charges of the returned goods will be at the customer's expense, except if the error or defect is made from Normax Lda, responsibility, in this case, we will only accept shipments made by our forwarders.
Special products manufactured according to customer's specifications cannot be returned.
The return of goods requires our express consent in writing.
The goods to be returned must be properly packaged for safe transportation in their original packaging and labelling.
If these conditions are not respected, the refund will not be accepted.

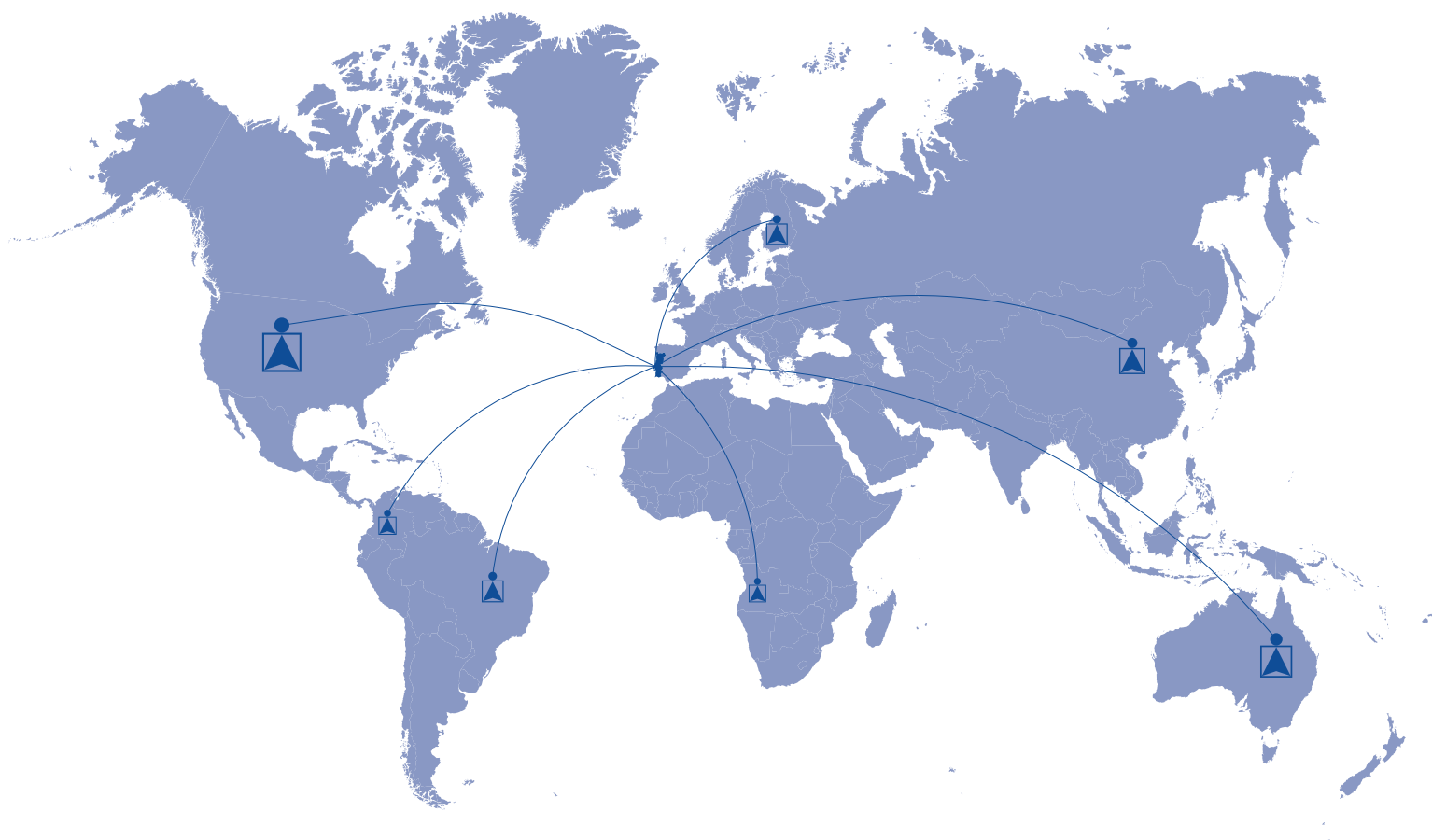
Complaints:

Accepted only in a stated period of 15 days after the receipt of merchandise and when presented by writing.

Marinha Grande, the 1st January 2019

Please note that product details, units and design presented on this catalogue are subject to technical alterations without notice.
Product pictures and overall images serve the purpose of visualization and may not correspond exactly to the described product.
We assume no responsibility for misprint or errors.

Our excellence leave a mark in over 100 countries worldwide



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