

PYREX[®]
100
1915 - 2015

trusted by
scientists for
100 years



For one hundred years PYREX has been a leading laboratory glassware brand in science. SciLabware is delighted to celebrate the 100th anniversary of the PYREX brand.

First introduced in 1915 the PYREX brand quickly established an enduring reputation for performance, reliability and safety.

SciLabware is proud of the contribution that PYREX laboratory products have made to science during the last century, as we look towards supporting our customers for many years to come.

Beakers, low form, Griffin

PYREX®

- Complies with ISO 3819 and DIN 12331
- Manufactured from Pyrex® borosilicate glass
- Excellent thermal performance
- High resistance to chemical attack
- Printed with Trace Code for downloadable batch certificate
- Batch certificate available to download from www.scilabware.com
- White graduations and marking spot



Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Pack qty.
1000/03M	5	30	22	10
1000/05M	10	35	26	10
1000/11M	25	50	34	10
1000/02M	50	60	42	10
1000/04D	100	70	50	10
1000/06D	150	80	60	10
1000/10D	250	95	70	10
1000/14D	400	110	80	10
1000/18D	600	125	90	10
1000/20D	800	135	100	10
1000/22D	1000	145	105	10
1000/28D	2000	185	130	10
1000/30D	3000	210	150	4
1000/34D	5000	270	170	1
1000/38D	10000	350	217	1



1000/38D is supplementary to ISO range. Graduations are approximate.




The thicker walls of Pyrex® 5 and 10 litre Beakers mean that care must be taken when heating and cooling.


Beakers, low form, Griffin, heavy duty

PYREX®

- Mechanically stronger than standard beakers
- Designed for longer life and increased user safety
- Reinforced rims and spout, less prone to breakage during washing etc.
- Thicker walls and heavier bases
- Manufactured from Pyrex® borosilicate glass
- White graduations and marking spot

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Pack qty.
1003-150	150	89	57	12
1003-250	250	90	68	12
1003-400	400	110	77	12
1003-600	600	124	90	6
1003-1L	1000	156	108	6
1003-2L	2000	179	131	4
1003-3L	3000	230	170	1
1003-4L	4000	250	160	1
1003-5L	5000	300	180	1

 Graduations are approximate. For advice on the care and use of Pyrex® glassware, please refer to the technical information section.

 The thicker walls of Pyrex® Heavy Duty Beakers mean that care must be taken when heating and cooling.




Beakers, tall form, Berzelius

PYREX®

- Complies with ISO 3819 and DIN 12331
- Manufactured from Pyrex® borosilicate glass
- Printed with Trace Code for downloadable batch certificate
- Batch certificate available to download from www.scilabware.com
- Tall form with spout
- White graduations and marking spot

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Pack qty.
1015/02M	50	70	38	10
1015/04D	100	80	48	10
1015/06D	150	95	54	10
1015/10D	250	120	60	10
1015/14D	400	130	70	10
1015/18D	600	150	80	10
1015/22D	1000	180	95	10
1015/26D	2000	240	120	10

 Graduations are approximate.



Beakers

New



i Graduations are approximate.

! The thicker walls of Pyrex® Heavy Duty Beakers mean that care must be taken when heating and cooling.

Beakers, tall form, Berzelius, heavy duty

PYREX®

- Mechanically stronger than standard beakers
- Designed for longer life and increased user safety
- Reinforced rims and spout, less prone to breakage during washing etc.
- Thicker walls and heavier bases
- Manufactured from Pyrex® borosilicate glass
- Printed with Trace Code for downloadable batch certificate
- Batch certificate available to download from www.scilabware.com
- White graduations and marking spot

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Pack qty.
1004-150	150	95	54	10
1004-250	250	120	60	10
1004-600	600	150	80	10



Beakers, conical form, Phillips

PYREX®

- Conical shape (Phillips pattern) with spout
- Manufactured from Pyrex® borosilicate glass
- Excellent thermal performance and chemical resistance

Product Code	Capacity (ml)	Height (mm)	Base diam. (mm)	Top diam. (mm)	Pack qty.
1020/06D	250	105	68.0	52	10
1020/16D	500	142	86.0	59	10



Beakers, jacketed

PYREX®

- Useful for maintaining samples at a constant temperature
- With integral jacket through which a temperature controlling medium can be circulated
- Manufactured from heat resistant Pyrex® borosilicate glass
- With PTFE screwthread connectors for simple and safe connection of 9mm bore tubing

Product Code	Inner chamber capacity (ml)	O.D. (mm)	Diam. int (mm)	Height int (mm)	Height total (mm)	Pack qty.
1025/10SC	250	70	52	130	138	1
1025/18SC	600	95	70	170	180	1
1025/22SC	1000	110	80	215	235	1
1025/28SC	2000	130	106	260	280	1

i For spare PTFE screwthread connectors, please refer to page 104. A range of jacketed reaction flasks are featured on page 159.


Beakers, straight sided, printed graduations, polypropylene



- Complies with ISO 7056
- Popular classic Azlon beakers
- Ideal for general laboratory use - straight stable shape
- Polypropylene material - good chemical resistance
- Can withstand temperatures up to 121°C and therefore autoclavable
- Graduations are clearly printed in indelible solvent resistant ink



Product Code	Capacity (ml)	Grads. (ml)	O.D. (mm)	Height (mm)	Pack qty.
BDA208P	10	1	32	32	10
BDA212P	25	2	42	40	10
BDA218P	50	5	51	51	10
BDA224P	100	10	62	62	10
BDA230P	250	25	82	82	10
BDA234P	400	50	94	95	10
BDA236P	500	50	93	101	10
BDA238P	600	50	106	107	5
BDA240P	1000	100	127	126	5
BDA242P	2000	200	158	160	1

 BDA234P and BDA238P are supplementary to ISO 7056. Cleaning temperatures below 60°C are recommended to preserve marks and inscriptions.

Beakers, straight sided, printed graduations, polypropylene, sets



- Set of popular classic Azlon beakers
- Ideal for general laboratory use - straight stable shape
- Polypropylene material - good chemical resistance
- Can withstand temperatures up to 121°C and therefore autoclavable
- Graduations are clearly printed in indelible solvent resistant ink

Product Code	Description	Pack qty.
BDA218MES	Set of 3 beakers (50, 100 & 250ml)	1
BDA1198	Set of 3 beakers (500, 1000 & 2000ml)	1
BDA1199	Set of 5 beakers (10, 25, 50, 100 & 250ml)	1
BDA1200	Set of 8 beakers (10, 25, 50, 100, 250, 500, 1000 & 2000ml)	1
BDA300P	Set of 10 beakers (One of each size)	1

Beakers



Beakers, tapered, printed graduations, polypropylene



- Tapered stacking style - space saving and easy to handle
- Complies with ISO 7056
- High clarity polypropylene - autoclavable at 121°C with good chemical resistance
- Crisp, blue, easy to read indelible graduations
- Precise non drip pouring spouts

Product Code	Capacity (ml)	Grads. (ml)	Rim diam. (mm)	Height (mm)	Pack qty.
BPB0025P	25	5	41.5	51	10
BPB0050P	50	10	50.5	61	10
BPB0100P	100	20	61.5	73	10
BPB0250P	250	50	80.5	96	10
BPB0400P	400	50	92.5	111	10
BPB0500P	500	50	102.5	121	10
BPB0600P	600	50	104.0	126	5
BPB1000P	1000	100	120.0	148	5
BPB2000P	2000	200	163.0	188	1
BPB3000P	3000	200	172.0	214	1
BPB5000P	5000	500	230.0	250	1



BPB0400P, BPB0600P and BPB3000P are supplementary to ISO range.

Beakers, tapered, moulded graduations, polypropylene



- Tapered Beaker allowing ease of handling
- Comply to ISO 7056
- Autoclavable at 121°C with good chemical resistance
- Stackable space saving design
- Made from high clarity polypropylene
- Durable and economical with clear, moulded permanent graduations
- Precise non drip pouring spouts



Product Code	Capacity (ml)	Grads. (ml)	Rim diam. (mm)	Height (mm)	Pack qty.
BPM0025P	25	5	41.5	51	10
BPM0050P	50	10	50.5	61	10
BPM0100P	100	20	61.5	73	10
BPM0250P	250	50	80.5	96	10
BPM0400P	400	50	92.5	111	10
BPM0500P	500	50	102.5	121	10
BPM0600P	600	50	104.0	126	5
BPM1000P	1000	100	120.0	148	5
BPM2000P	2000	200	163.0	188	1
BPM3000P	3000	200	172.0	214	1
BPM5000P	5000	500	230.0	250	1

 *BPM0400P, BPM0600P and BPM3000P are supplementary to ISO range.*



Beakers, low form, Griffin, printed graduations, polypropylene



- Complies with ISO 7056
- Traditional beaker shape
- Ideal for general laboratory use
- Polypropylene material - good chemical resistance
- Can withstand temperatures up to 121°C and therefore autoclavable
- Graduations are clearly printed in indelible solvent resistant ink

Product Code	Capacity (ml)	Grads. (ml)	O.D. (mm)	Height (mm)	Pack qty.
BDC208P	10	2	27	36	12
BDC212P	25	5	35	50	12
BDC218P	50	10	42	60	12
BDC224P	100	10	51	69	12
BDC230P	250	25	71	94	6
BDC234P	400	50	80	111	6
BDC236P	500	50	87	117	6
BDC238P	600	50	95	125	6
BDC240P	1000	100	107	148	6
BDC242P	2000	200	131	187	6

i BDC234P and BDC238P are supplementary to ISO 7056

! Cleaning temperatures below 60°C are recommended to preserve marks and inscriptions

New



Beakers, low form, Griffin, printed graduations, PMP (TPX)



- Complies with ISO 7056
- Traditional beaker shape
- Ideal for general laboratory use
- Suitable for food contact applications in accordance with USA regulations
- PMP material - good chemical resistance
- Can withstand temperatures up to 150°C and therefore autoclavable
- Graduations are clearly printed in indelible solvent resistant ink

Product Code	Capacity (ml)	Grads. (ml)	O.D. (mm)	Height (mm)	Pack qty.
BDD312P	25	5	35	50	12
BDD318P	50	10	42	60	12
BDD324P	100	10	51	69	12
BDD330P	250	25	71	94	6
BDD334P	400	50	80	111	6
BDD336P	500	50	87	117	6
BDD338P	600	50	95	125	6
BDD340P	1000	100	107	148	6
BDD342P	2000	200	131	187	6

i BDD334P and BDD338P are supplementary to ISO 7056

! Cleaning temperatures below 60°C are recommended to preserve marks and inscriptions

Beakers, straight sided, PTFE



- Opaque PTFE beakers
- Suitable for food contact applications in accordance with USA regulations
- Manufactured from USP Class VI grade PTFE
- Rigid and non-porous with a smooth surface
- Resistant to all chemicals except molten alkali metals and fluorine
- Are efficient substitutes for platinum
- Can withstand temperatures up to 260°C

Product Code	Capacity (ml)	O.D. (mm)	Height (mm)	Pack qty.
BWN008	10	24	33	1
BWN012	25	32	47	1
BWN018	50	43	60	1
BWN024	100	54	68	1
BWN028	150	59	75	1
BWN030	250	66	97	1
BWN035	400	80	106	1
BWN036	500	80	125	1



NEW



For information on food safety, please refer to the technical section.



It is NOT advisable to use PTFE beakers on a hotplate as fluorine can be emitted at high temperatures.

Disposal bins, cardboard & LDPE



- Self assembly rigid boxes for safe disposal of broken glass
- Glass is safely held in strong leak-proof and puncture resistant LDPE liner
- Lid has an integral waste flap for easy use and has a sealing feature for use when full
- Boxes are clearly printed with instructions for use

Product Code	Description	Dimensions (w x d x h) (cm)	Pack qty.
DBG001P	Glass bin floor standing	30 x 30 x 70	6
DBG002P	Glass bin bench top	23 x 23 x 26.5	6



Incineration bins, cardboard & LDPE



- Self-assembly rigid boxes for the collection and incineration of biohazardous waste
- Waste is safely held in strong leak-proof and puncture resistant LDPE liner
- Lid has an integral waste flap for easy use and has a sealing feature for use when full
- Boxes are clearly printed with instructions for use

Product Code	Description	Dimensions (w x d x h) (cm)	Pack qty.
DBH001P	Incineration bin floor standing	30 x 30 x 70	6
DBH002P	Incineration bin bench top	20 x 20 x 25	6



New



Bottles, media-lab, wide mouth, with cap and pouring ring

PYREX®

- Bottles complete with polypropylene screwcap and drip-free pouring ring
- Manufactured from Pyrex® borosilicate glass with proven temperature and chemical resistance qualities
- GLS 80® screwthread provides increased access compared to GL 45 bottles aiding filling and pouring
- Ideal for use with viscous liquids, pastes, powders, granules and larger solids
- Printed with Trace Code for downloadable batch certificate
- Batch certificate available to download from www.scilabware.com
- White enamel graduations and marking spot
- Autoclavable
- Screwcaps and pouring rings can withstand temperatures up to 140°C

Product Code	Capacity (ml)	Bottle height (mm)	Body diam. (mm)	Thread size (mm)	Pack qty.
1523/06	250	105	95	GLS 80	10
1523/08	500	152	101	GLS 80	10
1523/10	1000	222	101	GLS 80	10
1523/12	2000	252	136	GLS 80	10
1523/14	3500	271	160	GLS 80	1
1523/16	5000	314	182	GLS 80	1
1523/18	10000	389	227	GLS 80	1
1523/22	20000	484	288	GLS 80	1



Never autoclave bottles with a fully tightened screwcap. Always slacken off. Failure to follow this procedure can lead to breakage of the bottle.



Bottles, media-lab, wide mouth, without cap or pouring ring

PYREX®

New

- Bottles without screwcap or pouring ring
- Manufactured from Pyrex® borosilicate glass with proven temperature and chemical resistance qualities
- GLS 80® screwthread provides increased access compared to GL 45 bottles aiding filling and pouring
- Ideal for use with viscous liquids, pastes, powders, granules and larger solids
- Printed with Trace Code for downloadable batch certificate
- Batch certificate available to download from www.scilabware.com
- White enamel graduations and marking spot
- Autoclavable
- Screwcaps and pouring rings are available separately



Product Code	Capacity (ml)	Bottle height (mm)	Body diam. (mm)	Thread size (mm)	Pack qty.
1524/06	250	105	95	GLS 80	10
1524/08	500	152	101	GLS 80	10
1524/10	1000	222	101	GLS 80	10
1524/12	2000	252	136	GLS 80	10
1524/14	3500	271	160	GLS 80	1
1524/16	5000	314	182	GLS 80	1
1524/18	10000	389	227	GLS 80	1
1524/22	20000	484	288	GLS 80	1

CUSTOM GLASSWARE MANUFACTURE

- Free quotation without obligation
- Highest quality guaranteed
- All enquiries welcome

Email: customglass@scilabware.com



ROTAFLO®

PYREX®

MBL®

Bottles, media-lab, with cap and pouring ring

PYREX®

- Bottles complete with polypropylene cap and drip-free pouring ring
- Complies with ISO 4796
- Printed with Trace Code for downloadable batch certificate
- Batch certificate available to download from www.scilabware.com
- Ideal for mixing and storage of culture medium
- Sloping shoulders for smooth pouring action
- White graduations and marking spot
- Manufactured from temperature and chemically resistant borosilicate glass
- For use up to 140°C



Product Code	Capacity (ml)	Bottle height (mm)	Body diam. (mm)	Thread size (mm)	Pack qty.	
1516/01D	25	70	36	GL 25	10	
1516/02D	50	88	46	GL 32	10	
1516/04D	100	100	56	GL 45	10	
1516/05D	150	105	62	GL 45	10	NEW
1516/06D	250	138	70	GL 45	10	
1516/08D	500	176	86	GL 45	10	
1516/09D	750	203	95	GL 45	10	NEW
1516/10D	1000	225	101	GL 45	10	
1516/12D	2000	260	136	GL 45	10	
1516/14D	3500	295	160	GL 45	1	NEW
1516/16D	5000	330	181	GL 45	1	
1516/18D	10000	410	227	GL 45	1	
1516/20D	15000	465	258	GL 45	1	
1516/22D	20000	510	300	GL 45	1	



Further information on 'Trace Codes' is detailed in the technical information section. The 25 ml size bottle features a glass lip and does not require a pouring ring.



Never autoclave bottles with a fully tightened screwcap. Always slacken off. Failure to follow this procedure can lead to breakage of the bottle.

Bottles, media-lab, with high temp cap and pouring ring

PYREX®

- Bottles complete with thermoplastic polyester cap, PTFE sealing disc and pouring ring
- Complies with ISO 4796
- Printed with Trace Code for downloadable batch certificate
- Batch certificate available to download from www.scilabware.com
- Withstands hot air sterilisation up to 180°C
- PTFE sealing disc resists chemical attack
- White graduations and marking spot
- Manufactured from temperature and chemically resistant borosilicate glass

Product Code	Capacity (ml)	Bottle height (mm)	Body diam. (mm)	Thread size (mm)	Pack qty.
1516/01RED	25	70	36	GL 25	10
1516/02RED	50	88	46	GL 32	10
1516/04RED	100	100	56	GL 45	10
1516/06RED	250	138	70	GL 45	10
1516/08RED	500	176	86	GL 45	10
1516/10RED	1000	225	101	GL 45	10
1516/12RED	2000	260	136	GL 45	10
S/31516/16D	5000	330	181	GL 45	1
S/31516/18D	10000	410	227	GL 45	1



i The 25 ml size bottle features a glass lip and does not require a pouring ring.

Bottles, media-lab, without cap or pouring ring

PYREX®

- Bottles only. Supplied without cap or pouring ring
- Complies with ISO 4796
- Printed with Trace Code for downloadable batch certificate
- Batch certificate available to download from www.scilabware.com
- Sloping shoulders for smooth pouring action
- White graduations and marking spot
- Manufactured from temperature and chemically resistant borosilicate glass

Product Code	Capacity (ml)	Bottle height (mm)	Body diam. (mm)	Thread size (mm)	Pack qty.
1517/01	25	70	36	GL 25	10
1517/02	50	88	46	GL 32	10
1517/04	100	100	56	GL 45	10
1517/05	150	105	62	GL 45	10
1517/06	250	138	70	GL 45	10
1517/08	500	176	86	GL 45	10
1517/09	750	203	95	GL 45	10
1517/10	1000	225	101	GL 45	10
1517/12	2000	260	136	GL 45	10
1517/14	3500	295	160	GL 45	1
1517/16	5000	330	181	GL 45	1
1517/18	10000	410	227	GL 45	1
1517/20	15000	465	258	GL 45	1
1517/22	20000	510	300	GL 45	1



i Choice of caps and pouring rings available separately on pages 49 and 50. The 25 ml size bottle features a glass lip and does not require a pouring ring.

! Never autoclave bottles with a fully tightened screwcap. Always slacken off. Failure to follow this procedure can lead to breakage of the bottle.



Bottles, media-lab, plastic-coated

PYREX®

- Bottles only. Supplied without cap or pouring ring
- Complies with ISO 4796
- Borosilicate glass with clear PU plastic coating to provide added protection against mechanical breakage
- Reduces the hazard of flying glass and liquid splashes in the event of breakage
- Printed with Trace Code for downloadable batch certificate
- Batch certificate available to download from www.scilabware.com
- Coating withstands steam sterilisation up to 135°C

Product Code	Capacity (ml)	Bottle height (mm)	Body diam. (mm)	Thread size (mm)	Pack qty.
1518/04	100	100	56	GL 45	10
1518/06	250	138	70	GL 45	10
1518/08	500	176	86	GL 45	10
1518/10	1000	225	101	GL 45	10
1518/12	2000	260	136	GL 45	10
1518/16	5000	330	181	GL 45	1
1518/18	10000	410	227	GL 45	1

i For further details on plastic coated-bottles, please see the technical information section.

Bottles, media-lab, amber glass

PYREX®

- Bottles only. Supplied without cap or pouring ring
- Complies with ISO 4796
- Manufactured from amber-coated borosilicate glass
- UV absorbent up to 500nm
- Ideal for storage of light sensitive materials
- Printed with Trace Code for downloadable batch certificate
- Batch certificate available to download from www.scilabware.com

Product Code	Capacity (ml)	Bottle height (mm)	Body diam. (mm)	Thread size (mm)	Pack qty.
1519/01	25	70	36	GL 25	10
1519/02	50	88	46	GL 32	10
1519/04	100	100	56	GL 45	10
1519/06	250	138	70	GL 45	10
1519/08	500	176	86	GL 45	10
1519/10	1000	225	101	GL 45	10
1519/12	2000	260	136	GL 45	10
1519/16	5000	330	181	GL 45	1
1519/18	10000	410	227	GL 45	1



i 1519: Amber media bottles also available with polypropylene or High temperature cap and pouring ring. Please contact SciLabware customer service department for details.
The 25 ml size bottle features a glass lip and does not require a pouring ring.


Bottles, media-lab, square shape

PYREX®

- Square shape allows closer stacking in water baths or on shelves
- Up to 20% saving of space compared to round bottles
- Bottle complete with polypropylene cap and pouring ring
- For use up to 140°C
- Printed with Trace Code for downloadable batch certificate
- Batch certificate available to download from www.scilabware.com

Product Code	Capacity (ml)	Bottle height (mm)	Body diam. (mm)	Thread size (mm)	Pack qty.
1520/04D	100	109	50	GL 32	10
1520/06D	250	143	64	GL 45	10
1520/08D	500	181	78	GL 45	10
1520/10D	1000	222	94	GL 45	10



 Further information on 'trace codes' is detailed in the technical information section.

Screwcaps for media-lab bottles

PYREX®

- For use with 1516, 1517, 1518, 1519, 1520, 1523 and 1524 series bottles
- Polypropylene plug seal cap ideal for media preparation work
- Autoclavable up to 140°C
- Available in choice of 4 colours for easy identification of samples

Product Code	Thread size (mm)	Colour	Pack qty.
4506/25D	GL 25	Light blue	10
4506/32D	GL 32	Light blue	10
4506/45D	GL 45	Light blue	10
4506/45E	GL 45	Green	10
4506/45F	GL 45	Yellow	10
4506/45G	GL 45	Grey	10
4506/80D	GLS 80	Light blue	10



Bottles



i The cap may discolour when used at the maximum temperature of 180°C, however this does not affect performance.

Screwcaps for media-lab bottles, high temperature **PYREX®**

- For use with 1516, 1517, 1518, 1519 and 1520 series bottles
- Ideal for applications involving high temperatures or aggressive chemicals
- Red thermoplastic polyester cap with natural coloured PTFE faced sealing disc
- Withstands hot air sterilisation up to 180°C
- PTFE sealing disc resists chemical attack

Product Code	Thread size (mm)	Colour	Description	Pack qty.
4526/25D	GL 25	Red	Cap with sealing disc	10
4526/32D	GL 32	Red	Cap with sealing disc	10
4526/45D	GL 45	Red	Cap with sealing disc	10
4546/25	GL 25	Natural	Spare sealing disc	10
4546/32	GL 32	Natural	Spare sealing disc	10
4546/45	GL 45	Natural	Spare sealing disc	10



Pouring rings for media-lab bottles **PYREX®**

- For use with 1516, 1517, 1518, 1519 1520, 1523 and 1524 series bottles
- Ensures drip-free pouring
- Clear polypropylene pouring ring
- Withstands autoclaving up to 140°C

Product Code	Thread size (mm)	Colour	Pack qty.
4516/32D	GL 32	Clear	10
4516/45D	GL 45	Clear	10
4516/80D	GLS 80	Clear	10



Pouring rings for media-lab bottles, high temperature **PYREX®**

- For use with 1516, 1517, 1518, 1519 and 1520 series bottles
- Ideal for applications involving high temperatures
- Red coloured ethylene-tetrafluoroethylene pouring ring
- Withstands hot air sterilisation up to 180°C

Product Code	Thread size (mm)	Colour	Pack qty.
4536/32D	GL 32	Red	10
4536/45D	GL 45	Red	10

Screwcaps, connection system

PYREX®

- Connection system screwcaps for Pyrex® GL 45 media-lab bottles facilitate the transfer of liquids within a closed and sterile system, ideal for chemistry and biotechnology laboratories
- Begin by choosing a two or three port connection system screwcap, add tubing adapters and inserts to attach tubing
- Four different tubing diameters can be accommodated (OD; 1.6mm, 3.0mm, 3.2mm and 6.0mm)
- The additional pressure compensation set that includes a membrane filter with 0.2µm sized pores permits sterile pressure equalisation
- Unused ports can be sealed with a blanking cap (4538/04)
- Components are fully interchangeable and compatible with both two and three port screwcaps
- Screwcaps and components are temperature resistance to 140°C
- Autoclavable and dishwasher safe

Product Code	Description	Thread size (mm)	Pack qty.
4537/02	GL45 screwcap with two GL14 ports	GL 45	2
4537/04	GL45 screwcap with three GL14 ports	GL 45	2
4538/02	GL14 screwcap with tubing outlet	GL 14	2
4538/04	GL14 screwcap with PTFE coated insert	GL 14	2
4539/02	Insert for GL14 screwcap with tubing outlet, 1.6mm ID		1
4539/04	Insert for GL14 screwcap with tubing outlet, 3.0mm ID		1
4539/06	Insert for GL14 screwcap with tubing outlet, 3.2mm ID		1
4539/08	Insert for GL14 screwcap with tubing outlet, 6.0mm ID		1
4539/10	Pressure compensation set for GL14 ports (incl. 0.2µm syringe filter)	GL 14	1
4541/02	Spare 0.2µm syringe filter for pressure compensation set		2



Bottles

New



Screwcap, twin hose connector

PYREX®

- Manufactured from Polypropylene with tubing connectors that allows GL 45 media-lab bottles to be connected with flexible tubing
- Suitable for use with soft elastic tubing that has an inner diameter of 6 – 9mm (such as Viton®, Tygon® or other silicon tubing)
- Bottle contents can be kept sterile with an optional venting connector with a 0.2µm syringe filter
- The top angled connectors prevent kinks in the tubing
- Screwcap can be removed without the need to remove the tubing as the centre rotates freely
- Temperature resistance to 140°C
- Autoclavable
- Dishwasher safe

Product Code	Description	Thread size (mm)	Pack qty.
4537/06	Twin hose connector screwcap with GL45 screwthread	GL 45	2
4541/04	0.2µm filter with hose connector adapter		2

New



Screwcap, membrane

PYREX®

- Polypropylene screwcap with integral 0.2µm PTFE membrane
- Gas permeable membrane permits pressure equalisation allowing glassware to be sterilised using an autoclave with the screwcap fastened
- Provides a tight seal that prevents the ingress of liquids or solids
- Ideal for aerobic microbiology and cell culture
- Suitable for storage and transport of gas generating media
- Autoclavable
- Temperature resistant to 140°C

Product Code	Thread size (mm)	Colour	Pack qty.
4507/45D	GL 45	Light blue	5



Compatible with 1516, 1517, 1518, 1519 and 1520 series bottles and 1139/10 Fernbach flasks

Screwcap, bottle pourer

PYREX®

- Manufactured from white PTFE and blue polypropylene
- Aids the dispensing of liquids from bottles and flasks with a GL 45 screwthread
- Provides greater control of flow with large capacity bottles that can be difficult to handle
- Supplied complete with venting tube and attached PTFE cap
- Temperature resistance to 140°C
- Autoclavable
- Dishwasher safe

Product Code	Thread size (mm)	Colour	Pack qty.
4542/02	GL 45	Light blue	1



Bottles, reagent, screwcap

PYREX®

- Complies with ISO 4796-1
- Ideal for storage of reagents, analytical standards and culture media etc.
- Manufactured from Pyrex® borosilicate glass
- Excellent resistance to chemical attack and high temperatures
- Supplied with PBT screwcaps having a PTFE faced sealing disc
- Withstands hot air sterilisation up to 180°C
- Autoclavable
- White graduations and marking spot

Product Code	Capacity (ml)	Bottle height (mm)	Body diam. (mm)	Thread size (mm)	Pack qty.
1515/01D	25	65	35	SVL 20	10
1515/02D	50	80	43	SVL 25	10
1515/04D	100	105	53	SVL 25	10
1515/06D	250	135	66	SVL 30	10
1515/08D	500	175	81	SVL 30	10
1515/10D	1000	215	101	SVL 42	10
1515/12D	2000	245	136	SVL 60	10
1515/16D	5000	324	181	SVL 60	1
1515/18D	10000	395	227	SVL 60	1
1515/20D	15000	460	258	SVL 60	1
1515/22D	20000	502	288	SVL 60	1



Never autoclave bottles with a fully tightened cap. Always slacken off. Failure to follow this procedure can lead to breakage of the bottle.



Screwcaps for 1515: series reagent bottles

PYREX®

- PBT cap with PTFE faced sealing disc for chemical resistance
- Withstands hot air sterilisation up to 180°C
- Autoclavable

Product Code	Description	Thread size (mm)	Pack qty.
4503/20	Cap with insert	SVL 20	20
4503/25	Cap with insert	SVL 25	20
4503/30	Cap with insert	SVL 30	20
4503/42	Cap with insert	SVL 42	10
4503/60	Cap with insert	SVL 60	5
4513/20M	Spare insert	SVL 20	20
4513/25M	Spare insert	SVL 25	20
4513/30M	Spare insert	SVL 30	20
4513/42M	Spare insert	SVL 42	10
4513/60M	Spare insert	SVL 60	5



Insert is ethylene propylene with PTFE face for chemical resistance.



Bottles, reagent, narrow neck, glass stopper

PYREX®

- Complies with ISO 4796-2
- Borosilicate glass with ground neck
- Supplied with solid glass stopper

Product Code	Capacity (ml)	Body diam. (mm)	Stopper size	Height with stopper (mm)	Pack qty.
1521/04D	100	54	14/15	106	10
1521/06D	250	73	19/26	143	10
1521/08D	500	89	24/29	175	10
1521/10D	1000	111	29/32	214	10
1521/12D	2000	138	29/32	262	10
1521/16D	5000	181	45/40	333	1
1521/18D	10000	227	60/46	414	1
1521/22D	20000	288	60/46	508	1



Spare glass stoppers are available on page 258.

Bottles, reagent, narrow neck

PYREX®

- Complies with ISO 4796
- Borosilicate glass with unground neck
- For use with rubber stoppers (not supplied)

Product Code	Capacity (ml)	Body diam. (mm)	Neck I.D. at top (mm)	Bottle height (mm)	Pack qty.
1526/04D	100	54	13	95	10
1526/06D	250	73	18	131	10
1526/08D	500	89	23	163	10
1526/10D	1000	111	28	200	10
1526/12D	2000	138	28	248	10
1526/16D	5000	187	44	315	1
1526/18D	10000	227	59	398	1
1526/20D	15000	258	59	460	1
1526/22D	20000	288	59	492	1



 1526/20D is supplementary to the ISO range.


Bottles, reagent, soda-lime, clear

MBL®

- Complies with ISO 4796-2
- Clear soda-lime glass bottles with ground neck
- Supplied with polyethylene stoppers

Product Code	Capacity (ml)	Body diam. (mm)	Bottle height (mm)	Socket size	Pack qty.
SBC100	50	42	77	14/15	10
SBC102	100	52	103	14/23	10
SBC104	250	69	131	19/26	10
SBC106	500	85	163	24/29	10
SBC108	1000	107	199	29/32	10



 50ml bottle is supplied with 14/23 stopper

Bottles

New



Bottles, reagent, soda-lime, amber glass

MBL®

- Complies with ISO 4796-2
- Amber soda-lime glass bottles with ground neck
- UV absorbent up to 500nm
- Ideal for the storage of light sensitive materials
- Supplied with polyethylene stoppers

Product Code	Capacity (ml)	Body diam. (mm)	Bottle height (mm)	Socket size	Pack qty.
SBA100	50	42	77	14/15	10
SBA102	100	52	103	14/23	10
SBA104	250	69	131	19/26	10
SBA106	500	85	163	24/29	10
SBA108	1000	107	199	29/32	10

 50ml bottle is supplied with 14/23 stopper

New



Dropping pipettes for soda-lime reagent bottles

MBL®

- Manufactured from clear soda-lime glass
- With integral ground glass cone on pipette
- Supplied with rubber teats
- Bottles available separately

Product Code	Description	To fit bottle	Joint size	Pack qty.
SBD050	Dropping pipettes with silicone teat	50ml bottle	14/15	5
SBD100	Dropping pipettes with silicone teat	100ml bottle	14/23	5
SBD250	Dropping pipettes with silicone teat	250ml bottle	19/26	5

Spare teats for dropping pipettes

Product Code	Description	Pack qty.
SBT100	Spare silicone teats for dropping pipettes	100

Bottles, density, adjusted

MBL®

- Complies with ISO 3507, Gay-Lussac type
- Adjusted ready for use - with the exact volume engraved on the bottle
- Supplied with individual 10/19 sized capillary stoppers which are numbered and matched with the bottle
- Manufactured from borosilicate glass

Product Code	Nom. capacity (ml)	Tol. (+/- ml)	Pack qty.
BRE000	10	1.00	2
BRE002	25	2.00	2
BRE004	50	3.00	2
BRE006	100	3.00	2



Bottles, roller

PYREX®

- Ideal for cell culture work
- Pyrex® borosilicate glass, specially selected for surface finish and optical clarity
- Wide neck for easy cell harvesting
- Non-toxic polypropylene screwcap
- Autoclavable up to 121°C
- Fits standard roller apparatus
- Can be used with membrane screwcaps to allow gaseous transfer

Product Code	Overall length (mm)	Body O.D. (mm)	Effective length (mm)	Effective growth area (cm ²)	Overall growth area (cm ²)	Pack qty.
1528/02	284	110	210	670	820	2



Never autoclave bottles with a fully tightened screwcap. Always slacken off. Failure to follow this procedure can lead to breakage of the bottle.

Bottles



Bottles, dropping

MBL[®]

- Borosilicate glass bottle and pipette.
- Polypropylene stopper
- Pipette fitted with vinyl rubber teat

Product Code	Capacity (ml)	O.D. (mm)	Bottle height (mm)	Pack qty.
BRF056	100	54	104	10

New



Bottles, square, narrow neck, polycarbonate

A  *Azlon*

- Highly transparent polycarbonate media bottles with linerless polypropylene cap
- Suitable for repeated sterilisation by autoclaving at 121°C
- Ideal for the preparation and storage of biological media, reagents and aqueous solutions
- Leakproof
- Practical square design for economic use of space
- Heavy duty and durable in use

Product Code	Capacity (ml)	Base x height (mm)	Neck I.D. (mm)	Pack qty.
BSC0250	250	59 x 139	28	24
BSC0500	500	73 x 172	28	12
BSC1000	1000	92 x 213	28	12
BSC2000	2000	115 x 266	40	6




Recommended for up to 10 autoclave cycles at 121°C

Bottles, Boston round, narrow neck, polycarbonate



- Highly transparent polycarbonate media bottles with linerless polypropylene cap
- Suitable for repeated sterilisation by autoclaving at 121°C
- Ideal for the preparation and storage of biological media, reagents and aqueous solutions
- Leakproof
- Classic round design
- Heavy duty and durable in use

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.
BRC0500	500	175	81	28	12
BRC1000	1000	216	97	28	12

 Recommended for up to 10 autoclave cycles at 121°C




Bottles, vials, round, polycarbonate



- Highly transparent polycarbonate vials with coloured polypropylene cap
- Suitable for repeated sterilisation by autoclaving at 121°C
- Ideal for sampling, production and packaging of steam sterilised biological solutions
- Leakproof and shatterproof
- Withstands temperatures to -80°C

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.
BRC0005	5	52	22	14	100
BRC0010	10	62	24	14	100

 Recommended for up to 10 autoclave cycles at 121°C



New improved
Azlon bottles



Bottles, round, narrow neck, polypropylene



- Translucent, rigid polypropylene bottles with polypropylene screw caps
- Heavy duty and very durable in use
- Autoclavable at 121°C
- Suitable for food contact applications in accordance with EU and USA regulations
- Ideal for a wide range of liquid storage, media preparation and sampling applications
- Batch certificate available to download online
- Good general chemical resistance
- Bulk packs contain uncapped bottles and a pack of caps

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.	
BNP0030PN	30	66	33	13	10	
BNP0060PN	60	80	40	13	10	
BNP0100PN	100	89	50	18	10	
BNP0125PN	125	102	50	18	10	
BNP0150PN	150	116	50	18	10	
BNP0250P	250	129	62	18	10	
BNP0500P	500	167	73	21	10	
BNP1000P	1000	213	92	27	5	
BNP2000P	2000	240	121	27	5	
BNP0030BULK	30	66	32	13	1200	NEW
BNP0060BULK	60	80	40	13	800	NEW
BNP0100BULK	100	89	50	18	420	NEW
BNP0125BULK	125	102	50	18	350	NEW
BNP0150BULK	150	116	50	18	330	NEW
BNP0250BULK	250	129	60	18	200	NEW
BNP0500BULK	500	167	75	21	110	NEW
BNP1000BULK	1000	213	90	27	60	NEW
BNP2000BULK	2000	240	120	27	30	NEW



When autoclaving bottles always ensure the caps are completely loosened or removed to prevent accidental implosion.

Bottles, round, narrow neck, HDPE



- Translucent, rigid HDPE bottles with polypropylene screw caps
- Lightweight but very durable in use
- Suitable for food contact applications in accordance with EU and USA regulations
- Batch certificate available to download online
- Ideal for storing a wide range of liquids
- Bulk packs contain uncapped bottles and a pack of caps

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.	
BNH0030PN	30	66	33	13	10	
BNH0060PN	60	80	40	13	10	
BNH0100PN	100	89	50	18	10	
BNH0125PN	125	102	50	18	10	
BNH0150PN	150	116	50	18	10	
BNH0250P	250	129	62	18	10	
BNH0500P	500	167	73	21	10	
BNH1000P	1000	213	92	27	5	
BNH2000P	2000	240	121	27	5	
BNH0030BULK	30	66	32	13	1200	NEW
BNH0060BULK	60	80	40	13	800	NEW
BNH0100BULK	100	89	50	18	420	NEW
BNH0125BULK	125	102	50	18	350	NEW
BNH0150BULK	150	116	50	18	330	NEW
BNH0250BULK	250	129	60	18	200	NEW
BNH0500BULK	500	167	75	21	110	NEW
BNH1000BULK	1000	213	90	27	60	NEW
BNH2000BULK	2000	240	120	27	30	NEW



For further information on chemical comparability see the chemical resistance chart in the technical section.

Bottles

New



Bottles, square, narrow neck, blue cap, HDPE



- Translucent HDPE bottles with linerless cap
- Ideal for general laboratory applications
- Heavy duty and durable in use
- Practical square design for economic use of space
- Good chemical resistance

Product Code	Capacity (ml)	Base x height (mm)	Neck I.D. (mm)	Pack qty.
BSR0100P	100	45 x 104	21	10
BSR0250P	250	56 x 130	21	10
BSR0500P	500	71 x 162	21	10
BSR1000P	1000	82 x 205	21	5
BSR0100BULK	100	45 x 104	21	520
BSR0250BULK	250	56 x 130	21	230
BSR0500BULK	500	71 x 162	21	150
BSR1000BULK	1000	82 x 205	21	72



Bottles, round, slope shoulder, narrow neck, LDPE



- Flexible and translucent lightweight bottles
- Suitable for liquids
- Slope shoulder for smooth pouring
- Supplied capped with 28R4 polypropylene screw cap
- Neck I.D. 21mm

Product Code	Capacity (ml)	O.D. x height (mm)	Pack qty.
BGK930P	250	54 x 152	10
BGK936P	500	69 x 187	10
BGK940P	1000	84 x 246	5

Bottles, round, narrow neck, LDPE



- Translucent, flexible LDPE bottles with polypropylene screw caps
- Heavy duty and very durable in use
- Ideal for a wide range of liquid storage applications
- Suitable for food contact applications in accordance with EU and USA regulations
- Batch certificate available to download online
- Bulk packs contain uncapped bottles and a pack of caps
- Good general chemical resistance

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.	
BNL0030PN	30	66	33	13	10	
BNL0060PN	60	80	40	13	10	
BNL0100PN	100	89	50	18	10	
BNL0125PN	125	102	50	18	10	
BNL0150PN	150	116	50	18	10	
BNL0250P	250	129	62	18	10	
BNL0500P	500	167	73	21	10	
BNL1000P	1000	213	92	27	5	
BNL2000P	2000	240	121	27	5	
BNL0030BULK	30	66	33	13	1200	NEW
BNL0060BULK	60	80	40	13	800	NEW
BNL0100BULK	100	89	50	18	420	NEW
BNL0125BULK	125	102	50	18	350	NEW
BNL0150BULK	150	116	50	18	330	NEW
BNL0250BULK	250	129	62	18	200	NEW
BNL0500BULK	500	167	73	21	110	NEW
BNL1000BULK	1000	213	92	27	60	NEW
BNL2000BULK	2000	240	121	27	30	NEW





Bottles, dispensing, pivot nozzle, LDPE



- Round LDPE bottles fitted with a pivoting nozzle closure
- Nozzle retracts into cap to seal bottle
- Suitable for use as a dropping or wash bottle and excellent for dispensing gels
- Good resistance to chemical attack

Product Code	Capacity (ml)	O.D. (mm)	Height (mm)	Pack qty.
BGE514P	30	32	66	10
BGE520P	60	40	79	10
BGE528P	150	59	120	10
BGE530P	250	59	145	10
BGE536P	500	74	174	10



Bottles, dispensing, spouted cap, LDPE



- Round LDPE bottles fitted with spouted dropper closure
- Closure features a captive sealing cap and can be cut to adjust flow rate
- Suitable for use as a dropping or dispensing bottle
- Good resistance to chemical attack


Product Code	Capacity (ml)	Diam. x height (mm)	Cap size	Pack qty.
BGE814PNC	30	32 x 103	28R4	10
BGE820PNC	60	39 x 118	28R4	10
BGE828PNC	150	50 x 144	28R4	10
BGE830PNC	250	60 x 168	28R4	10
BGE836PNC	500	73 x 198	28R4	10

Bottles, round, wide neck, polypropylene

- Translucent, rigid polypropylene bottles with polypropylene screw caps
- Leak-proof, liner-less design
- Smooth inner contours for efficient pouring and ease of cleaning
- Heavy duty and very durable in use
- Suitable for food contact applications in accordance with EU and USA regulations
- Ideal for a wide range of liquid storage, media preparation and sampling applications
- Good chemical resistance
- Batch certificate available to download online
- Bulk packs contain uncapped bottles and a pack of caps
- Autoclavable at 121°C



Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.	
BWP0030PN	30	70	32	22	10	
BWP0060PN	60	82	40	22	10	
BLP0100P	100	89	51	32	10	
BLP0125P	125	104	51	32	10	
BLP0150P	150	116	51	32	10	
BWP0250P	250	140	60	37	10	
BWP0500P	500	161	75	46	10	
BWP1000P	1000	205	90	55	5	
BWP2000P	2000	242	120	55	5	
BWP0030BULK	30	70	32	22	1200	NEW
BWP0060BULK	60	82	40	22	800	NEW
BLP0100BULK	100	89	51	32	420	NEW
BLP0125BULK	125	104	51	32	350	NEW
BLP0150BULK	150	116	51	32	330	NEW
BWP0250BULK	250	140	60	37	200	NEW
BWP0500BULK	500	161	75	46	110	NEW
BWP1000BULK	1000	205	90	55	60	NEW
BWP2000BULK	2000	242	120	55	30	NEW

 When autoclaving bottles always ensure the caps are completely loosened or removed to prevent accidental implosion.

New Improved



Bottles, round, wide neck, amber, polypropylene



- Opaque, rigid amber polypropylene bottles with black polypropylene screw caps
- Leak-proof, liner-less design
- Ideal for a wide range of light sensitive liquid or solid storage
- Smooth inner contours for efficient pouring and ease of cleaning
- Heavy-duty and very durable in use
- Good general chemical resistance
- Autoclavable at 121°C

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.
BWP0060AP	60	82	40	22	10
BWP0150AP	150	116	51	32	10
BWP0250AP	250	140	60	37	10
BWP0500AP	500	161	75	46	10
BWP1000AP	1000	205	90	55	5
BWP2000AP	2000	242	120	55	5



For information on chemical resistance please refer to the chemical resistance chart in the technical section.



When autoclaving bottles always ensure the caps are completely loosened or removed to prevent accidental implosion.

Bottles, graduated, write-on-panel, polypropylene



- Translucent polypropylene bottles with good chemical resistance
- Leak-proof, liner-less design
- Clear crisp printed graduations show millilitres and fluid ounces
- Printed with large white write-on-panel for easy labelling
- Smooth inner contour for efficient pouring and ease of cleaning
- Batch certificate available to download online
- Suitable for food contact applications in accordance with EU and USA regulations
- Ideal for both liquids and solids, perfect for microbiological sampling
- Autoclavable at 121°C

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.
BWP0060PGRAD	60	82	40	22	10
BLP0125PGRAD	125	104	51	32	10
BLP0150PGRAD	150	116	51	32	10
BWP0250PGRAD	250	141	60	37	10
BWP0500PGRAD	500	161	75	46	10
BWP1000PGRAD	1000	205	90	55	5



When autoclaving bottles always ensure the caps are completely loosened or removed to prevent accidental implosion.

Bottles, round, powder, wide neck, HDPE



- Translucent rigid HDPE bottles with PVDC wadded polypropylene screw caps
- Ideal for storage of powders and other solids

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.
BGC428P	150	104	50	26	10
BGC430P	250	124	61	48	10
BGC432P	300	135	61	48	10
BGC436P	500	154	74	48	10
BGC440P	1000	190	98	72	5



**New improved
Azlon bottles**



Bottles, round, wide neck, HDPE



- Translucent, rigid HDPE bottles with polypropylene screw caps
- Leak-proof, liner-less design
- Smooth inner contours for efficient pouring and ease of cleaning
- Heavy duty and very durable in use
- Ideal for a wide range of liquid storage and sampling applications
- Suitable for food contact applications in accordance with EU and USA regulations
- Batch certificate available to download online
- Bulk packs contain uncapped bottles and a pack of caps
- Good chemical resistance

Product Code	Capacity (ml)	Height (mm)	O.D. (mm)	Neck I.D. (mm)	Pack qty.	
BWH0030PN	30	70	32	22	10	
BWH0060PN	60	82	40	22	10	
BLH0100P	100	89	51	32	10	
BLH0125P	125	104	51	32	10	
BLH0150P	150	116	51	32	10	
BWH0250PN	250	140	60	37	10	
BWH0500PN	500	161	75	46	10	
BWH1000PN	1000	205	90	55	5	
BWH2000P	2000	242	120	55	5	
BWH0030BULK	30	70	32	22	1200	NEW
BWH0060BULK	60	82	40	22	800	NEW
BLH0100BULK	100	89	51	32	420	NEW
BLH0125BULK	125	104	51	32	350	NEW
BLH0150BULK	150	116	51	32	330	NEW
BWH0250BULK	250	140	60	37	200	NEW
BWH0500BULK	500	161	75	46	110	NEW
BWH1000BULK	1000	205	90	55	60	NEW
BWH2000BULK	2000	242	120	55	30	NEW



For information on food safety, please refer to the technical section.

Bottles, square, graduated, coloured cap, wide neck, HDPE



- Lightweight square bottles with plug seal and blue screw cap
- Moulded graduations for approximate volume measurement
- Ideal for powders
- Space saving design
- Neck I.D. 58mm

Product Code	Capacity (ml)	I x w x h (mm)	Pack qty.
BGE236P	500	75 x 75 x 120	10
BGE240P	1000	94 x 75 x 180	5
BGE242P	2000	108 x 92 x 235	5



Bottles, square, graduated, wide neck, HDPE



- Heavy duty square bottles with plug seal and screw cap
- Easy to grip caps have toggle for tamper evident wire attachment to neck
- Moulded graduations for approximate volume measurement
- Suitable for liquid or solid usage
- Suitable for food contact applications in accordance with EU and USA regulations
- Space saving design

Product Code	Capacity (ml)	Neck I.D. (mm)	I x w x h (mm)	Pack qty.
BGE212P	25	18	32 x 32 x 51	10
BGE218P	50	24	36 x 36 x 68	10
BGE224P	100	34	48 x 45 x 88	10
BGE230P	250	34	60 x 56 x 108	10
BGE336P	500	44	80 x 67 x 135	10
BGE340P	1000	58	101 x 82 x 170	5
BGE342P	2000	58	130 x 98 x 215	5



For information on food safety, please refer to the technical section.

Bottles



Bottles, square, wide neck, wadded, HDPE



- Heavy duty wide neck bottles
- Black polypropylene lid with LDPE foam wad
- Practical square design for economic use of space
- Designed for chemical, powder or granule storage

Product Code	Capacity (ml)	Base x height (mm)	Neck I.D. (mm)	Pack qty.
BGE424P	100	47 x 74	33	10
BGE426P	125	47 x 89	33	10
BGE430P	250	60 x 106	43	10
BGE436P	500	72 x 127	52	10
BGE439P	1000	95 x 171	58	5
BGE441P	1500	101 x 184	58	5



Bottles, round, wide neck, PTFE



- Opaque PTFE bottles
- Rigid with a smooth surface
- Resist all chemicals except molten alkali metals and fluorine
- Suitable for food contact applications in accordance with USA regulations
- Slope shoulder for easy pouring of powders or liquids
- Manufactured from USP Class VI grade PTFE
- Can withstand temperatures up to 260°C

Product Code	Capacity (ml)	Diam. x height (mm)	Neck I.D. (mm)	Pack qty.
BWN118	50	43 x 76	25	1
BWN124	100	52 x 88	35	1
BWN130	250	67 x 115	42	1



For information on food safety, please refer to the technical section.



Do not use when sealed for chemical reactions or digestions. Loosen lids when thermally sterilising.

New Improved Azlon Storage Bottles

Leak-proof, liner-less design



Secure closure comes from high quality moulded threads and seal profiles on bottle and cap.

A pronounced collar provides an effective anchor for shrink wrap.

The smooth inner neck and base contours provide easy pouring and effective access for cleaning.

Base mouldings include recycling codes, bottle volumes and registration ramp as standard across the range.

The new improved Azlon Storage bottles are suitable for a wide range of applications including sample collection, mixing, preparation, transporting and storage.

They are manufactured to a new leak-proof, liner-less design. Precision injection blow moulding provides effective sealing between bottle and cap without the need for loose cap insert liners.

The range has good chemical resistance and is available in polyethylene, polypropylene and amber polypropylene for the storage of light sensitive samples.

Polypropylene bottles are suitable for autoclaving at 121°C.



Technical information - wash bottles

Azlon Multi-lingual wash bottles are available in a number of language combinations and possess information on solvent identity and Globally Harmonised System hazard and safety information. The Azlon Multi-lingual OSHA (Occupational Safety and Health Administration) range also displays pictograms indicating appropriate Personal Protective Equipment (PPE) for use. Azlon wash bottles are available in a variety of designs and sizes for general and specific applications either non-vented or vented to prevent solvent loss.

Wash bottle dimensions

Wide Neck Wash Bottles					
Capacity (ml)	Height (mm)	Bottle OD (mm)	Neck ID (mm)	Neck OD (mm)	Cap ID (mm)
250	140	60	34	38	46
500	163	75	34	38	46
1000	202	90	34	38	46
Narrow Neck Wash Bottles					
Capacity (ml)	Height (mm)	Bottle OD (mm)	Neck ID (mm)	Neck OD (mm)	Cap ID (mm)
250	139	59	21	25	28
500	160	73	21	25	28
Slope Shoulder Wash Bottles					
Capacity (ml)	Height (mm)	Bottle OD (mm)	Neck ID (mm)	Neck OD (mm)	Cap ID (mm)
250	152	54	21	25	28
500	187	69	21	25	28
1000	246	84	21	25	28

Region Key for multi-lingual wash bottles

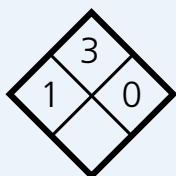
Languages	
● Region 1	English, French, German & Spanish
● Region 2	Norwegian, Danish, Swedish & English
● Region 3	Russian, Polish, German & English
● Region 4	Arabic, French & English

Please use this key when selecting the language you require

USA, National Fire Protection Association (NFPA) Diamond codes. For emergency response, chemicals are ranked according to the hazard they present. Rating 4 represents the greatest hazard and 0 the lowest.

Top Diamond

Fire Hazard - Flash Point
 4 - Below 70°F/21°C
 3 - Below 100°F/38°C
 2 - Below 200°F/93°C
 1 - Above 200°F/93°C
 0 - Non-flammable



Bottom Diamond

Special Hazard - Warning pictograms, including those for chemicals that are:
 Air-reactive
 Water-reactive
 Carcinogenic

Left-hand Diamond

Health Hazard
 4 - Deadly
 3 - Extremely dangerous
 2 - Hazardous
 1 - Slightly hazardous
 0 - Normal material

Right-hand Diamond

Reactivity Hazard
 4 - Explosive
 3 - Shock and heat may detonate
 2 - Violent change may occur
 1 - Unstable if heated
 0 - Normally stable

GHS Pictograms



Flammable Hazard

Corrosive

Toxic

Health Hazard



Harmful/Irritant

Dangerous for the Environment

Oxidising

Wide mouth for easy filling and colour coded cap for easy recognition of solvent.

Chemical name.

Chemical formulae and CAS number for easy identification of solvent contained.

Globally Harmonised System pictograms.

Signal word (i.e. 'Danger') – to identify the severity of the hazard statements.



Available with patented Driplok technology which prevents solvent loss by allowing vapour to vent.

Safety information in up to four languages.

See page 75 for Multi-lingual wash bottles with additional Occupational Safety and Health Administration (OSHA) Personal Protective Equipment (PPE) pictograms

Bottles, wash, multi-lingual, safety venting, wide neck, LDPE



- Multi-lingual wide neck wash bottles featuring the patented DripLok® vapour venting valve that prevents solvent drips
- Indelibly printed in up to four languages (Please refer to the Region Key for a list of the languages that are printed on each wash bottle)
- Choose from five solvent labels all including the new Globally Harmonised Symbols, NFPA diamond, risk phrases and safety information
- Fitted with colour coded one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control



Product Code	Capacity (ml)	Print label	Closure colour	Country Region	Pack qty.	
WGW531VTML	250	Acetone	Red	Region 1	5	
WGW535VTML	250	Ethanol	Orange	Region 1	5	
WGW534VTML	250	I.M.S	Yellow	Region 1	5	
WGW533VTML	250	Isopropanol	Blue	Region 1	5	
WGW532VTML	250	Methanol	Green	Region 1	5	
WGW537VTML	500	Acetone	Red	Region 1	5	
WGW541VTML	500	Ethanol	Orange	Region 1	5	
WGW540VTML	500	I.M.S	Yellow	Region 1	5	
WGW539VTML	500	Isopropanol	Blue	Region 1	5	
WGW538VTML	500	Methanol	Green	Region 1	5	
WGW550VTML	500	I.D.A	Yellow	Region 1	5	
WGW537VTMLS	500	Acetone	Red	Region 2	5	NEW
WGW541VTMLS	500	Ethanol	Orange	Region 2	5	NEW
WGW539VTMLS	500	Isopropanol	Blue	Region 2	5	NEW
WGW538VTMLS	500	Methanol	Green	Region 2	5	NEW
WGW537VTMLR	500	Acetone	Red	Region 3	5	NEW
WGW541VTMLR	500	Ethanol	Orange	Region 3	5	NEW
WGW539VTMLR	500	Isopropanol	Blue	Region 3	5	NEW
WGW538VTMLR	500	Methanol	Green	Region 3	5	NEW
WGW537VTMLME	500	Acetone	Red	Region 4	5	NEW
WGW541VTMLME	500	Ethanol	Orange	Region 4	5	NEW
WGW539VTMLME	500	Isopropanol	Blue	Region 4	5	NEW
WGW538VTMLME	500	Methanol	Green	Region 4	5	NEW

Region Key for multi-lingual wash bottles	
Languages	
● Region 1	English, French, German & Spanish
● Region 2	Norwegian, Danish, Swedish & English
● Region 3	Russian, Polish, German & English
● Region 4	Arabic, French & English

Please use this key when selecting the language you require



Bottles, wash, multi-lingual, non-venting, wide neck, LDPE



- Multi-lingual wide neck wash bottles
- Indelibly printed in up to four languages (Please refer to the Region Key for a list of the languages that are printed on each wash bottle)
- Choose from up to three water or five solvent labels all including the new Globally Harmonised Symbols, NFPA diamond, risk phrases and safety information
- Fitted with colour coded one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Print label	Closure colour	Country Region	Pack qty.	
WGW600PML	250	Distilled water	White	Region 1	5	
WGW602PML	250	Deionised water	White	Region 1	5	
WGW530PML	250	Water	White	Region 1	5	
WGW531PML	250	Acetone	Red	Region 1	5	
WGW532PML	250	Methanol	Green	Region 1	5	
WGW533PML	250	Isopropanol	Blue	Region 1	5	
WGW534PML	250	I.M.S	Yellow	Region 1	5	
WGW535PML	250	Ethanol	Orange	Region 1	5	
WGW536PML	500	Water	White	Region 1	5	
WGW601PML	500	Distilled water	White	Region 1	5	
WGW603PML	500	Deionised water	White	Region 1	5	
WGW537PML	500	Acetone	Red	Region 1	5	
WGW538PML	500	Methanol	Green	Region 1	5	
WGW539PML	500	Isopropanol	Blue	Region 1	5	
WGW540PML	500	I.M.S	Yellow	Region 1	5	
WGW541PML	500	Ethanol	Orange	Region 1	5	
WGW601PMLS	500	Distilled water	White	Region 2	5	NEW
WGW603PMLS	500	Deionised water	White	Region 2	5	NEW
WGW536PMLS	500	Water	White	Region 2	5	NEW
WGW601PMLR	500	Distilled water	White	Region 3	5	NEW
WGW601PMLME	500	Distilled water	White	Region 4	5	NEW

Region Key for multi-lingual wash bottles

Languages

- **Region 1** English, French, German & Spanish
- **Region 2** Norwegian, Danish, Swedish & English
- **Region 3** Russian, Polish, German & English
- **Region 4** Arabic, French & English

Please use this key when selecting the language you require

Bottles, wash, multi-lingual, OSHA, wide neck. LDPE



- Multi-lingual wide neck, OSHA, wash bottles featuring the patented DripLok® vapour venting valve that prevents solvent drips
- Indelibly printed in 3 languages (English, French and Spanish)
- Choose from five solvent labels all including the GHS, NFPA diamond, PPE pictograms, risk and safety information
- Fitted with colour coded one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Cap Type	Print label	Closure colour	Pack qty.
WGW537VTMLA	500	Vapour-venting	Acetone	Red	5
WGW541VTMLA	500	Vapour-venting	Ethanol	Orange	5
WGW539VTMLA	500	Vapour-venting	Isopropanol	Yellow	5
WGW538VTMLA	500	Vapour-venting	Methanol	Green	5
WGW601PMLA	500	Non-venting	Distilled water	White	5



Bottles, wash, DIY, wide neck, LDPE



- Do-it-yourself DripLok® wash bottles with blank write-on-panel
- Indelibly printed in 3 languages (English, French and German)
- Supplied with adhesive hazard labels

Product Code	Description	Cap Type	Pack qty.
WGW001VTML	250ml Custom/DIY with white cap	Vapour-venting	5
WGW002VTML	500ml Custom/DIY with white cap	Vapour-venting	5
WGW020VTML	1000ml Custom/DIY with white cap	Vapour-venting	5
WGW004VTML	500ml Custom/DIY with mixed colour caps	Vapour-venting	5
WGW001PML	250ml Custom/DIY with white cap	Non-venting	5
WGW002PML	500ml Custom/DIY with white cap	Non-venting	5
WGW020PML	1000ml Custom/DIY with white cap	Non-venting	5
WGWPEN01	Indelible black marker pen for custom/DIY wash bottles		2



Bottles



Bottles, wash, Gram stain, venting, LDPE



- Pre-labelled with Gram stain solutions, hazard warning labels and instructions for use
- With patented DripLok® vapour venting technology
- The set of five wash bottles are printed with:-
 - Crystal violet solution
 - Lugol's iodine solution
 - Gram iodine solution
 - Gram colour/de-colourising solution
 - Safranin solution

Product Code	Description	Pack qty.
WGW0255V	Set of five 250ml Gram Stain venting wash bottles	5



Bottles, wash, tracker, LDPE




- Wash bottle designed with complete labelling facility to ensure full traceability
- Meets industry standards including those required by the Clinical Pathology Accreditation body
- Ideal for use in the clinical & general hospital market
- Unique write-on, wipe-off panel
- DripLok® vapour venting cap version available - for ultimate safety with volatile solvents
- Supplied with a set of COSHH labels

Product Code	Capacity (ml)	Cap Type	Closure colour	Pack qty.
WTR250P	250	Non-venting	Green	5
WTR250VT	250	Vapour-Venting	Red	5
WTR500P	500	Non-venting	Green	5
WTR500VT	500	Vapour-Venting	Red	5




Recordable information includes: bottle contents, first use and expiry dates, lot number, COSHH information, originator and date of receipt/preparation.

Bottles, wash, safety venting, wide neck, LDPE  *Azlon*

- Square shoulder wash bottles featuring a wide neck for easy spill-free filling and the patented DripLok® vapour venting valve that prevents solvent drips
- Fitted with colour-coded one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control



Product Code	Capacity (ml)	Closure colour	Pack qty.
WGW236PVENT	500	White	5
WGW237PVENT	500	Red	5
WGW238PVENT	500	Yellow	5
WGW239PVENT	500	Green	5
WGW235PVENT	500	Blue	5
WGW234PVENT	500	Orange	5
WGW443VT	1000	White	5
WGW444VT	1000	Red	5
WGW445VT	1000	Yellow	5
WGW446VT	1000	Green	5
WGW447VT	1000	Blue	5
WGW448VT	1000	Orange	5

Bottles, wash, non-venting, wide neck, LDPE  *Azlon*

- Square shoulder wash bottles featuring a wide neck for easy spill-free filling
- Fitted with colour-coded one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control



Product Code	Capacity (ml)	Closure colour	Pack qty.
WGW230P	250	White	5
WGW231P	250	Red	5
WGW232P	250	Yellow	5
WGW233P	250	Green	5
WGW234P	250	Blue	5
WGW236P	500	White	5
WGW237P	500	Red	5
WGW238P	500	Yellow	5
WGW239P	500	Green	5
WGW235P	500	Blue	5
WGW443P	1000	White	5
WGW445P	1000	Red	5
WGW444P	1000	Yellow	5
WGW447P	1000	Green	5
WGW446P	1000	Blue	5
WGW229P	250	Mixed pack one of each colour	1

Bottles

New



Screwcaps for wide neck wash bottles, safety venting



- Caps for wide neck wash bottles with dip-tube and patented Driplok® vapour venting valve that prevents solvent drips
- Available in six colours
- One-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control

Product Code	Closure colour	Pack qty.
WBCAPVW	White	5
WBCAPVR	Red	5
WBCAPVY	Yellow	5
WBCAPVG	Green	5
WBCAPVB	Blue	5
WBCAPVOR	Orange	5



Bottles, wash, classic style, narrow neck, LDPE



- Traditional and popular square shoulder round wash bottles
- Fitted with one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Closure colour	Pack qty.
WGF230P	250	White	5
WGF236P	500	White	5

Bottles, wash, coloured, narrow neck, LDPE



- Coloured wash bottles with matching closures
- Ideal for colour-coding purposes
- Fitted with polypropylene closures
- Choice of four colours

Product Code	Capacity (ml)	Bottle colour	Pack qty.
WGR036P	500	Green	5
WGR038P	500	Red	5
WGR136P	500	Yellow	5
WGR138P	500	Blue	5



Bottles, wash, slope shoulder, narrow neck, LDPE



- The slim design enables comfortable handling and enhanced ease of use
- Fitted with a choice of white or red polypropylene swivel dispensing closures
- Choice of three sizes
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Closure colour	Pack qty.
WGF330P	250	White	5
WGF331P	250	Red	5
WGF336P	500	White	5
WGF337P	500	Red	5
WGF240P	1000	White	5
WGF241P	1000	Red	5



Bottles



Bottles, wash, slope shoulder, printed, LDPE



- Labelled wash bottles for easy identification of contents
- Indelibly printed with a choice of seven popular laboratory solvents, appropriate hazard symbols and CAS numbers
- The slim design enables comfortable handling and enhanced ease of use
- Fitted with colour-coded polypropylene closures
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Printed	Print / closure colour	Pack qty.
WGF530P	250	Water	White	5
WGF600P	250	Distilled water	White	5
WGF531P	250	Acetone	Red	5
WGF532P	250	Methanol	Green	5
WGF533P	250	Isopropanol	Blue	5
WGF534P	250	I.M.S.	Yellow	5
WGF535P	250	Ethanol	Orange	5
WGF536P	500	Water	White	5
WGF601P	500	Distilled water	White	5
WGF537P	500	Acetone	Red	5
WGF538P	500	Methanol	Green	5
WGF539P	500	Isopropanol	Blue	5
WGF540P	500	I.M.S.	Yellow	5
WGF541P	500	Ethanol	Orange	5



Bottles, wash, integral, narrow neck, LDPE




- Ergonomic wash bottles with an integrally moulded dispensing tube jet tip
- Slim hexagonal cross section makes the bottles particularly suited to smaller hands
- Precision tip is ideal for fine liquid jet dispensing

Product Code	Capacity (ml)	Bottle colour	Pack qty.
BGF130P	250	Natural	5
BGF136P	500	Natural	5

Bottles, wash, autoclavable, non-venting, wide neck, PP 

- Autoclavable at 121°C
- PP bottle fitted with one-piece PP closure
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Print label	Closure colour	Pack qty.
WGW700PP	500	Autoclavable	White	5


 **Caution.** When autoclaving bottles always ensure the caps are completely loosened or removed to prevent accidental implosion. Do not autoclave if containing solvents or hazardous/reactive solutions or substances.



Bottles, wash, multi-lingual, non-venting, wide neck, PP 

- Multi-lingual wide neck wash bottles
- Indelibly printed in 4 languages (English, French, German and Spanish)
- Solvent labels including the new Globally Harmonised Symbols, NFPA diamond, risk phrases and safety information
- Fitted with colour coded one-piece PP closures that maintain their shape in use
- Closures feature precision jet-tip aperture for fine control

Product Code	Capacity (ml)	Print label	Closure colour	Pack qty.
WGW701PP	500	Dichloromethane	White	5
WGW703PP	500	Methyl ethyl ketone	Green	5

 **Caution.** Do not autoclave.



Attention Attention Achtung Atención



The Azlon® multi-lingual wash bottle is now available in three new ranges that give you chemical names and safety instructions in a wider range of languages including:

- Norwegian, Swedish and Danish
- Russian and Polish
- Arabic and French

The Azlon designs reflect the Global Harmonised System (GHS) of labelling legislation including new hazard warning pictograms.

Plus, of course, you get all of the regular features and benefits of this highly popular laboratory essential, including Driplok® vapour venting technology.

Our unique two-way valve lets the vapour escape when pressure builds up and stops air getting into the liquid.

The result - no more hazardous drips or dribbles and an accurate, continuous dispensing stream.

To find out more about the Azlon multi-lingual wash bottle visit www.scilabware.com

Bottle carriers, cluster design, polypropylene



- A simple and safe carrying system for use in the laboratory
- Strong lightweight construction
- Will accept most 500ml bottles
- Internal cavity diameter 90mm and cavity height 135mm

Product Code	Description	l x w x h (mm)	Pack qty.
BGS024	6 compartment bottle carrier	315 x 215 x 280	1



Bottle carriers, coated steel



- Manufactured from polyamide coated steel
- Offers better heat and chemical resistance than other coatings
- Ideal for safely carrying up to six bottles or wash bottles

Product Code	Max. bottle diam. (mm)	Pack qty.
BGS040	60	1
BGS042	74	1



Boxes, Bubblers



Boxes, airtight, polyethylene



- Made from tough HDPE
- Suitable for food contact applications in accordance with EU regulations
- Lightweight and unbreakable in normal use
- Tight fitting snap on lids create an airtight seal
- Suitable for general and refrigerated storage down to -50°C

Product Code	Capacity (ml)	External dim. (l x w x h) (mm)	Pack qty.
BWY030	500	100 x 100 x 65	1
BWY032	1000	100 x 100 x 125	1
BWY034	1000	210 x 100 x 65	1
BWY036	1500	210 x 100 x 90	1
BWY038	2000	210 x 210 x 65	1
BWY039	3500	210 x 210 x 90	1



Reaction vessel bubbler



- Ideal for closing reaction mixture from the atmosphere
- Side arm to facilitate filling with mineral oil
- Bubblers have capacity of approx 5ml

Product Code	Cone size	Pack qty.
GB1/19	19/26	1
GB1/24	24/29	1
GB1/29	29/32	1




Capacity measurement to graduated fill line.

Reaction Vessel bubbler, with gas inlet



- Ideal for closing reaction mixture from the atmosphere
- With gas inlet to provide continuous flow of inert gas (N₂ or Ar) over the reaction
- Complete with detachable plastic hose connection to allow easy and safe attachment to 9mm flexible tubing
- Bubblers have capacity of approx 5ml

Product Code	Cone size	Pack qty.
GB2/19SC	19/26	1
GB2/24SC	24/29	1
GB2/29SC	29/32	1

 Capacity measurement to graduated fill line.



Mini gas bubbler

PYREX®

- For use in inert atmosphere experiments
- Ideal for bubble counting
- Complete with detachable plastic hose connections to allow easy and safe attachment to 9mm bore flexible tubing

Product Code	Capacity (ml)	Pack qty.
GB3/SC	2	1





Buckets, spouted, HDPE



- Durable spouted buckets for easy pouring
- Handle grip for easy lifting and carrying
- Choice of white or black
- White buckets BXW112 and BXW114 are suitable for food contact applications in accordance with EU regulations
- Moulded graduations

Product Code	Capacity (litres)	Sub div. (litres)	Diam. x height (mm)	Colour	Pack qty.
BWX104	10.5	0.5	286 x 283	Black	1
BWX106	17	0.5	330 x 315	Black	1
BWX112	10.5	0.5	286 x 283	White	1
BWX114	17	0.5	330 x 315	White	1



Buckets, square, HDPE



- Durable square shape allows economical use of space
- Handle grip for easy lifting and carrying
- Choice of white or black
- White bucket BXW116 is suitable for food contact applications in accordance with EU regulations
- Moulded graduations (14 litre x 0.5 divisions)

Product Code	Capacity (litres)	Sub div. (litres)	External dim. (l x w x h) (mm)	Colour	Pack qty.
BWX108	14	0.5	292 x 292 x 292	Black	1
BWX116	14	0.5	292 x 292 x 292	White	1

Buckets, square, lids, HDPE

- Lids with moulded inset handle for buckets above
- White bucket lid BXW118 is suitable for food contact applications in accordance with EU regulations

Product Code	Description	External dim. (l x w x h) (mm)	Colour	Pack qty.
BWX110	Lid for bucket	280 x 280 x 45	Black	1
BWX118	Lid for bucket	280 x 280 x 45	White	1

Burettes, PTFE key, class AS, works certified

PYREX®

- Complies with ISO 385
- Individually tested and supplied with certificate showing exact volume dispensed at 3 points on the scale
- Individual serial number and certificate provides complete traceability to National Standards
- Each burette has a +30s waiting time before final reading can be taken
- Manufactured from precision-bore borosilicate glass tubing for high accuracy
- 1.5mm bore PTFE key which requires no lubrication
- White enamel graduations

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Length (mm)	Pack qty.
3295/22ASWC	10	0.02	0.02	820	1
3295/24ASWC	25	0.10	0.05	620	1
3295/26ASWC	50	0.10	0.05	820	1
3295/28ASWC	100	0.20	0.10	870	1

 3295/22ASWC is fitted with a fluted funnel top.



Burettes, PTFE key, class AS

PYREX®

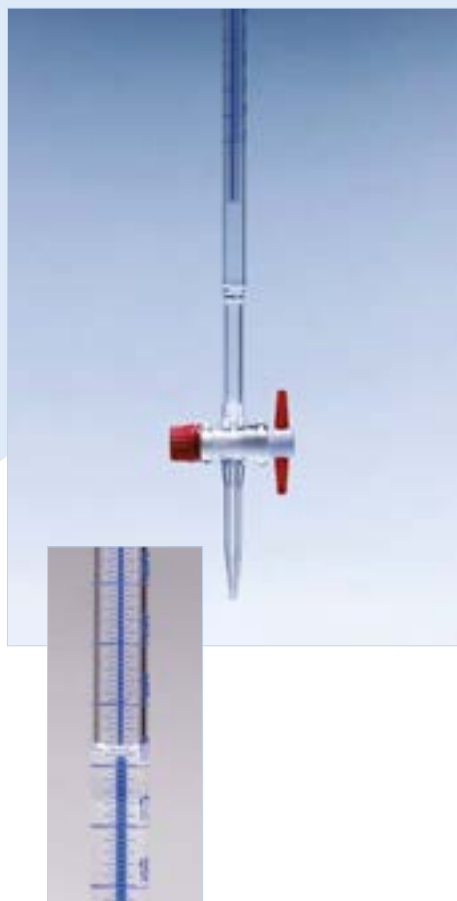
- Complies with ISO 385
- Manufactured from precision-bore tubing (borosilicate glass) for high accuracy
- Each burette has a +30s waiting time before final reading can be taken
- Graduations in white enamel for increased visibility with dark solutions
- Grease-free interchangeable PTFE key with 1.5mm bore

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Length (mm)	Pack qty.
3295/12AS	10	0.02	0.02	820	1
3295/14AS	25	0.10	0.05	620	1
3295/16AS	50	0.10	0.05	820	1
3295/18AS	100	0.20	0.10	870	1

 3295/12AS is fitted with fluted funnel top.



Burettes



Burettes, PTFE key, class AS, Schellbach

PYREX®

- Complies with ISO 385
- Graduations and inscriptions in blue enamel
- Schellbach burette tube with vertical white stripe and central blue ribbon
 - Facilitates accurate reading of meniscus
 - exact position of the meniscus is clearly defined where the blue ribbon splits into a wide and narrow band
- With funnel top to make filling easier and safer
- Each burette has a +30s waiting time before final reading can be taken
- Manufactured from chemically resistance borosilicate glass
- Grease-free interchangeable PTFE key with 1.5mm bore

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Length (mm)	Pack qty.
492092	10	0.05	0.03	620	1
492093	25	0.10	0.05	620	1
492094	25	0.05	0.03	820	1
492095	50	0.10	0.05	820	1



Each burette is fitted with fluted funnel top.



Burettes, PTFE key, class B

PYREX®

- Complies with ISO 385
- Fitted with interchangeable PTFE keys for grease-free performance, with 1.5mm bore
- White enamel graduations for good visibility with dark coloured solutions
- Manufactured from borosilicate glass for increased chemical resistance

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Length (mm)	Pack qty.
3295/02	10	0.02	0.05	820	1
3295/04	25	0.10	0.10	820	1
3295/06	50	0.10	0.10	820	1
3295/08	100	0.20	0.20	870	1




3295/02 is fitted with fluted funnel top. Schools and colleges may wish to consider Azlon® tough acrylic burettes as detailed on page 94.

Burettes, PTFE key, blue graduations, class B

MBL®

- Complies with ISO 385
- 10, 25 and 50 ml sizes are available fitted with funnel top to make filling easier and safer
- Grease-free PTFE stopcock with 1.5mm bore
- Graduations in easy to read blue enamel
- Manufactured from borosilicate glass

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Length (mm)	Pack qty.
BRB070P	10	0.02	0.05	820	1
BRB074P	25	0.10	0.10	620	1
BRB075P	25	0.10	0.10	620	1
BRB076P	50	0.10	0.10	820	1
BRB077P	50	0.10	0.10	820	1

 BRB070P, BRB075P, BRB077P are fitted with fluted funnel tops.




Burettes, Rotaflo, PTFE key, class B

MBL®

- Complies with ISO 385
- With GP Rotaflo® stopcock having PTFE key
 - No lubrication required
 - No seizure with caustic solutions
 - Provides fine drop control
 - 3.0mm key bore
- Graduations in permanent amber stain which is fused into the glass and is especially resistant to aggressive cleaning solutions
- Manufactured from borosilicate glass

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Length (mm)	Pack qty.
BRB402	10	0.10	0.05	462	1
BRB404	25	0.10	0.10	647	1
BRB406	50	0.10	0.10	857	1
BRB408	100	0.20	0.20	897	1

 BRB402 is supplementary to ISO 385



Burettes



Burettes, modular, PTFE stopcock, class B

MBL[®]

- Complies with ISO 385
- With funnel top to make filling easier and safer
- PTFE stopcock for grease-free performance
- Easy to read blue enamel graduations
- Burette manufactured from borosilicate glass
- Modular design with detachable burette tube, stopcock and jet for easy replacement

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Length (mm)	Pack qty.
BRB264P	25	0.10	0.10	620	1
BRB266P	50	0.10	0.10	820	1

Replacement parts for modular burette

Product Code	Description	Pack qty.
BRB274P	25ml glass burette tube	1
BRB276P	50ml glass burette tube	1
BRB284	Glass jet for 25 & 50ml burettes	5
SWN160	Glass jet for 25 & 50ml burettes with PTFE stopcock	10
BRB290	PTFE stopcock	10

i BRB264P and BRB266P are fitted with fluted funnel tops. BRB284 - Replacement glass jets are made from soda-lime glass.



Burettes, glass key, class AS, Schellbach

PYREX[®]

- Complies with ISO 385
- Graduations and inscriptions in blue enamel
- Schellbach burette tube with vertical white stripe and central blue ribbon
 - Facilitates accurate reading of meniscus
 - exact position of the meniscus is clearly defined where the blue ribbon splits into a wide and narrow band
- With funnel top to make filling easier and safer
- Each burette has a +30s waiting time before final reading can be taken
- Manufactured from chemically resistance borosilicate glass
- With interchangeable 2.0mm bore glass key

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Length (mm)	Pack qty.
492145	10	0.05	0.03	620	1
492146	25	0.1	0.05	620	1
492147	25	0.05	0.03	820	1
492148	50	0.1	0.05	820	1


i Each burette is fitted with fluted funnel tops.

Burettes, glass key, class B

MBL®

- Complies with ISO 385
- 2.0mm Key bore
- Replacement keys are available in the event of loss or damage: keys are fully interchangeable.
- Graduations in easy to read blue enamel
- Manufactured from borosilicate glass

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Length (mm)	Pack qty.
BRB050P	10	0.02	0.05	820	1
BRB056P	25	0.10	0.10	620	1
BRB058P	50	0.10	0.10	820	1
BRB060P	100	0.20	0.20	870	1

 BRB050P has a fluted funnel top. SSD102K Spare keys are available on page 252



Burettes, Sofnol, auto zero, Rotaflo stopcock, class B **PYREX®**

- Complies with ISO 385
- Easy filling and automatic zero
 - Squeeze the polyethylene bottle to fill the burette
 - Release pressure to allow excess liquid to drain back into bottle and set the burette to zero
- With PTFE Rotaflo® Stopcock for grease-free performance and fine drop-wise control
- 3mm bore PTFE key
- Graduations in white enamel
- Manufactured from borosilicate glass
- Burettes and bottles should be ordered separately

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Pack qty.
3298/02	10	0.1	0.10	5
3298/03	20	0.1	0.10	5
3298/04	25	0.1	0.10	5



Polyethylene reservoir bottles

Product Code	Description	Pack qty.
3299/04	500ml Polyethylene reservoir bottle	1
3299/06	1000ml Polyethylene reservoir bottle	1

Burettes



Burettes, Sofnol, auto zero, pinch valve, class B

MBL®

- Complies with ISO 385
- Easy filling and automatic zero
 - Squeeze the polyethylene bottle to fill burette
 - Release pressure to allow excess liquid to drain back into bottle and set the burette to zero
- Easy to read blue enamel graduations
- Manufactured from borosilicate glass
- With simple rubber tube and pinch valve for low cost replacement

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Reservoir bottle capacity (ml)	Pack qty.
BRB004	10	0.1	0.10	500	1
BRB006	20	0.1	0.10	1000	1

Replacement parts

Product Code	Description	Pack qty.
3299/04	500ml Polyethylene reservoir bottle	1
3299/06	1000ml Polyethylene reservoir bottle	1
BRB042	Rubber pinch valve and glass jet	5
BRB256	Glass jet only	5



Burettes, automatic, PTFE key, class AS

PYREX®

- Complies with ISO 385 and DIN 12700
- With automatic zero facility
- Simple operation
 - To fill burette apply a slight positive pressure to lower side-arm
 - To set zero, release pressure to allow excess liquid to siphon back into the bottle
- Burettes manufactured from chemically resistant Pyrex® borosilicate glass
- White enamel graduations
- 1.5mm bore PTFE key stopcock
- Burettes and accessories should be ordered separately

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Pack qty.
3296/02AS	10	0.02	0.02	1
3296/04AS	25	0.05	0.03	1
3296/06AS	50	0.10	0.05	1




All Automatic burettes feature a 29/32 cone.

Burettes, automatic, PTFE key, class AS, Schellbach **PYREX®**

- Complies with ISO 385 and DIN 12700
- With automatic zero facility
- Burettes manufactured from chemically resistant Pyrex® borosilicate glass and feature a 29/32 Quickfit® cone
- Blue enamel graduations with Schellbach stripe
- Schellbach burette tube with vertical white stripe and central blue ribbon
 - facilitates accurate reading of the meniscus
 - exact position of the meniscus is clearly defined where the blue ribbon splits into a wide and narrow band
- 1.5mm bore PTFE key stopcock



Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Pack qty.
3396/02AS	10	0.02	0.02	1
3396/04AS	25	0.05	0.03	1
3396/06AS	50	0.10	0.05	1

 Burettes and accessories should be ordered separately.

Burettes, automatic, PTFE key, class AS, Schellbach, **PYREX®** with intermediate stopcock

- Complies with ISO 385 and DIN 12700
- With automatic zero facility
- Intermediate stopcock facilitates easy drainage of liquid back into reservoir
- Burettes manufactured from chemically resistant Pyrex® borosilicate glass and feature a 29/32 Quickfit® cone
- Blue enamel graduations with Schellbach stripe
- Schellbach burette tube with vertical white stripe and central blue ribbon
 - facilitates accurate reading of the meniscus
 - exact position of the meniscus is clearly defined where the blue ribbon splits into a wide and narrow band
- 1.5mm bore PTFE key stopcock



Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Pack qty.
3496/02AS	10	0.02	0.02	1
3496/04AS	25	0.05	0.03	1
3496/06AS	50	0.10	0.05	1

 All automatic burettes feature a 29/32 Quickfit® cone.

Burettes



Automatic burette accessories

Product Code	Description	Pack qty.
3297/12	2000ml glass reservoir with 29/32 joint	1
3297/14AS	Rubber blowing ball to fit Class AS Auto burettes	1

i 2L reservoir is manufactured from soda-lime glass.



Burettes, acrylic, with PMP/PE stopcocks, class B



- Acrylic construction for strength and transparency
- Graduations are screen printed in black to ISO 385 Class B accuracy
- Suitable for use in educational laboratories especially where breakages often occur
- Unaffected by most dilute aqueous solutions, however unsuitable for use with organic solvents
- Turning the stopcock through 90° makes it suitable for left or right handed use
- Stopcocks can be removed for easy cleaning

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Pack qty.
BDH112T	25	0.1	0.1	1
BDH118T	50	0.1	0.1	1
BDH124T	100	0.2	0.2	1

Burettes, acrylic, spares

Product Code	Description	Pack qty.
SWQ030TAR	Spare stopcock for BDH118T & 124T	1
SWQ028T	Spare stopcock for BDH112T	1

i *See chemical resistance chart in the technical section for more details.

Chromatography column, plain

PYREX®

- Simple and economical column - ideal for educational use
- With chemically resistant glass sintered disc - porosity 1
- Manufactured from Pyrex® borosilicate glass

Product Code	Nom. capacity (ml)	Body O.D. (mm)	Length excluding stem (mm)	Stem O.D. (mm)	Pack qty.
3775/02M	30	14	355	8	5



Chromatography columns with Rotaflo stopcock



- With PTFE Rotaflo® Stopcock for fine control of eluent flow
- Chemically resistant glass sintered disc - porosity 0
- Ground glass socket accepts Quickfit® reservoirs
- Manufactured from borosilicate glass

Product Code	I.D. (mm)	Effective length (mm)	Socket size	Pack qty.
CR10/10	10	100	14/23	1
CR10/20	10	200	14/23	1
CR10/30	10	300	14/23	1
CR10/40	10	400	14/23	1
CR20/20	20	200	19/26	1
CR20/30	20	300	19/26	1
CR20/40	20	400	19/26	1
CR20/50	20	500	19/26	1
CR30/40	26	400	24/29	1
CR30/50	26	500	24/29	1
CR40/40	30	400	29/32	1
CR40/50	30	500	29/32	1
CR50/40	30	400	34/35	1
CR50/50	30	500	34/35	1
CR60/40	40	400	40/38	1
CR60/50	40	500	40/38	1



Chromatography

Chromatography columns, Rotaflor stopcock and ground cone



- With glass sintered disc - porosity 0 to support column packing
- GP Rotaflor® stopcock with PTFE key for fine control of eluent flow
- Stem within lower cone allows mounting on a Büchner flask for vacuum flash chromatography
- Manufactured from borosilicate glass

Product Code	I.D. (mm)	Effective length (mm)	Approx overall length (mm)	Socket size	Cone size	Pack qty.
CR12/10	10	100	270	14/23	19/26	1
CR12/30	10	300	470	14/23	19/26	1

Chromatography columns, with ground cone



- With glass sintered disc - porosity 0 to support column packing
- Upper socket can be connected to a solvent reservoir
- Lower cone can be connected to stopcock adapter CR3T/23 to control eluent flow
- Manufactured from borosilicate glass

Product Code	I.D. (mm)	Effective length (mm)	Approx overall length (mm)	Socket size	Cone size	Pack qty.
CR32/20	18	200	310	24/29	19/26	1
CR32/30	18	300	415	24/29	19/26	1
CR32/40	18	400	515	24/29	19/26	1

Chromatography, stopcock adapter



- With GP Rotaflor® stopcock having PTFE key for fine control of eluent flow
 - No lubrication required
 - No contaminating greases
 - No chemical corrosion
- Ideal for use with Quickfit® CR32: columns

Product Code	Socket size	Cone size	Approx overall height (mm)	Stopcock bore (mm)	Pack qty.
CR3T/23	19/26	24/29	190	6.0	1

Clamps, burette, polypropylene & rubber



- Spring loaded polypropylene clamps that are corrosion resistant
- Allow clear view of graduations along the full length of the burette
- Rubber grips prevent slipping
- An interchangeable compression cone on the central boss provides a firm grip on rods 11 - 14mm in diameter

Product Code	Model	Pack qty.
CWH002	Single clamp	1
CWH004	Double clamp	1



Clamps, tubing



- For use with flexible rubber and plastic tubing
- Provides fine flow control of liquids and gases
- Easy one-handed adjustment: just roll serrated wheel along sloped floor
- Manufactured from thermoplastic polyester

Product Code	For tubing size	Pack qty.
KT4.5	O.D. up to 4.5mm	5
KT6	O.D. up to 6mm	5
KT10	O.D. up to 10 mm	5
KT14	O.D. up to 14mm	5



Concentrate, Lipsol Detergent

- Excellent cleaning performance, ideal for use with laboratory glassware, plasticware, rubber, ceramics and stainless steel
- Economical price
- Non-corrosive, non-irritant and totally biodegradable surface-active cleaning agent
- Free of chlorine bleaches, phosphates and enzymes

Product Code	Description	Pack qty.
40023	Lipso ^l ® concentrate 2 x 5 Litre Jerry Cans	1



Not suitable for use on non-ferrous metals, especially aluminium, zinc or on polycarbonates. Product information, MSDS's and batch certificates downloadable from the SciLabware website.



Cold traps, condensers



Cold trap



- Designed for use in vacuum systems
- Prevents vapours and volatile materials from damaging pumps etc.
- Easy to use:
 - immerse trap into Dewar vessel containing refrigerant e.g. dry ice
 - volatile materials passing through system are frozen onto the cold surface

Product Code	Description	Socket size	Cone size	Pack qty.
MF28/52	Trap head	19/26	34/35 & 19/26	1
MF24/5	Trap body, 250mm overall length	34/35	-	5



Trap head can be connected to flexible vacuum hose using adapters MF10/2B/SC and MF13/2/SC.



Condenser, Air



- Simple condensers for condensation of materials with boiling points above 150°C

Product Code	Approx surface area (x 10 ⁻² m ²)	Socket size	Cone size	Approx effective length (mm)	Approx overall length (mm)	Pack qty.
C2/11	1.0	14/23	14/23	200	260	1
C2/12	1.0	19/26	19/26	150	210	1
FC7/23	2.0	24/29	24/29	250	365	1
C2/22	2.5	19/26	19/26	400	470	1
FC7/43	4.0	24/29	24/29	500	615	1



Condenser, Allihn, with ground cone



- Ideal for reflux applications
- Inner bulb sections provide increased cooling surface
- With detachable plastic screwthread connectors for easy and safe attachment of flexible tubing


Product Code	Approx surface area (x 10 ⁻² m ²)	Cone size	Approx effective length (mm)	Approx overall length (mm)	Pack qty.
CX7/02/SC	1.3	19/26	250	400	1
CX7/03/SC	1.3	24/29	250	405	1
CX7/04/SC	1.3	29/32	250	415	1
CX7/05/SC	1.3	34/35	250	335	1
CX7/06/SC	1.3	40/38	250	365	1
CX7/08/SC	1.5	50/42	250	365	1

Condenser, Allihn, with ground cone and socket



- As above but with ground socket

Product Code	Approx surface area (x 10 ⁻² m ²)	Socket size	Cone size	Approx effective length (mm)	Approx overall length (mm)	Pack qty.
CX7/33/SC	1.8	24/29	24/29	400	545	1
CX7/44/SC	1.8	29/32	29/32	400	550	1

 For spare screwthread connectors please refer to page 104.




Condenser, coil, with ground cone



- Coolant is circulated through a coil having a very large cooling surface
- Ideal for use in the upright reflux mode where counter-current cooling is possible
- Supplied with detachable plastic connectors for the attachment of rubber hose

Product Code	Approx surface area (x 10 ⁻² m ²)	Cone size	Approx effective length (mm)	Approx overall length (mm)	Pack qty.
CX3/05/SC	2.0	34/35	160	320	1
CX3/06/SC	3.5	40/38	207	380	1
CX3/08/SC	2.0	50/42	155	348	1

 For spare screwthread connectors, please refer to page 104.



Condenser, coil, with ground cone and socket



- Suitable for either reflux or distillation work
- Highly efficient condensers with a large cooling surface
- Supplied with detachable plastic screwthread connectors which allow 9mm flexible tubing to be fitted easily and safely

Product Code	Approx surface area (x 10 ⁻² m ²)	Socket size	Cone size	Approx effective length (mm)	Approx overall length (mm)	Pack qty.
C3/12/SC	2.0	19/26	19/26	165	305	1
C3/13/SC	2.0	24/29	24/29	165	310	1
C3/14/SC	2.0	29/32	29/32	165	315	1
C3/22/SC	4.0	19/26	19/26	320	460	1
C3/23/SC	4.0	24/29	24/29	320	465	1
C3/24/SC	4.0	29/32	29/32	320	470	1



Condensers



Condenser, coil, reversible



- Highly versatile reflux condensers
- Each end of the condenser is fitted with a different size cone thus reducing the need for adapters
- With detachable plastic connectors for the attachment of flexible tubing

Product Code	Approx surface area (x 10 ⁻² m ²)	Cone size	Approx effective length (mm)	Approx overall length (mm)	Pack qty.
CX3/23/SC	2.0	19/26 & 24/29	160	315	1
CX3/35/SC	2.0	24/29 & 34/35	160	335	1



Condenser, twin-coil



- With two independent cooling coils
- Each can be fed from separate water supplies for maximum efficiency

Product Code	Approx surface area (x 10 ⁻² m ²)	Socket size	Cone size	Approx effective length (mm)	Approx overall length (mm)	Pack qty.
C4/13/SC	5.5	24/29	24/29	207	390	1

i For spare screwthread connectors, please refer to page 104.



Condenser, multi-coil, large scale



- Features a double coil design with a common water inlet
- Suitable for pilot plant work
- Glass side arms accept tubing with an internal diameter of 18mm

Product Code	Approx surface area (x 10 ⁻² m ²)	Socket size	Cone size	Approx effective length (mm)	Approx overall length (mm)	Pack qty.
C13/55	9.0	34/35	34/35	230	440	1
C13/55/2	18.0	34/35	34/35	420	660	1


i Due to their larger size, these condensers have glass olives for the attachment of flexible tubing.

Condenser, jacketed coil



- Complies with DIN 12593
- Coil condenser has an outer water jacket
- Coil provides large cooling surface
- Jacket avoids vapour creeping around the coil
- Ideal for reflux work

Product Code	Approx surface area (x 10 ⁻² m ²)	Socket size	Cone size	Approx effective length (mm)	Approx overall length (mm)	Pack qty.
CX6/22/SC	4.0	19/26	19/26	160	360	1
CX6/33/SC	4.0	24/29	24/29	160	365	1
CX6/44/SC	4.0	29/32	29/32	160	370	1
CX6/05/SC	4.0	-	34/35	160	380	1

 CX6/05/SC has one 34/35 cone and a plain glass chimney at the top.



Condenser, cold finger



- For immersion into distillation assemblies etc.
- Can be used to regulate refluxing by adjusting the flow of air or water through it

Product Code	Approx surface area (x 10 ⁻² m ²)	Cone size	Approx effective length (mm)	Approx overall length (mm)	Pack qty.
FC14/00/SC	0.35	19/26	100	185	1



Condensers

Condenser, double surface, Davies



- Highly efficient condenser with large cooling surface
- Inner cooling surface gives 'baffle' effect
- Outer cooling surface prevents 'creep' with low boiling point liquids
- With detachable plastic screwthread connectors for easy and safe attachment of flexible tubing

Product Code	Approx surface area (x 10 ⁻² m ²)	Socket size	Cone size	Approx effective length (mm)	Approx overall length (mm)	Pack qty.
C5/11/SC	1.7	14/23	14/23	160	275	1
C5/12/SC	1.7	19/26	19/26	160	295	1
C5/13/SC	2.3	24/29	24/29	160	300	1
C5/22/SC	2.3	19/26	19/26	205	340	1
C5/23/SC	3.0	24/29	24/29	205	345	1
C5/24/SC	3.0	29/32	29/32	205	365	1
CX5/23/SC	3.0	-	24/29	205	350	1
CX5/25/SC	3.0	-	34/35	205	360	1

i CX5/23/SC and CX5/25/SC are fitted with a plain glass chimney instead of a socket.

Condenser, ether



- Highly efficient coil condenser suitable for condensing very volatile liquids
- Inner coil with large surface area
- Outer water jacket to avoid vapour creep around the coil
- Coil and jacket are independent and can be fed from separate water supplies for maximum efficiency
- With detachable plastic screwthread connectors for the easy and safe attachment of flexible tubing

Product Code	Approx effective length (mm)	Approx overall length (mm)	Approx surface area (x 10 ⁻² m ²)	Cone size	Pack qty.
C11/23/SC	165	315	6.5	24/29	1

i For spare screwthread connectors, please refer to page 104.



Condenser, Inland Revenue



- Inland Revenue Pattern
- Highly efficient
- Vapour and distillate move down through the coil
- Coolant water flows outside the coil
- Complete with detachable plastic hose connectors for the easy and safe attachment of flexible tubing

Product Code	Approx surface area (x 10 ⁻² m ²)	Socket size	Cone size	Approx effective length (mm)	Approx overall length (mm)	Pack qty.
C6/12/SC	2.5	19/26	19/26	205	340	1
C6/13/SC	2.5	24/29	24/29	205	340	1



Inland Revenue condensers should be used in the vertical mode only with vapour fed in via the upper socket and liquid distillate leaving via the lower cone. Distillation rates should be slow to avoid 'slugging' and back pressure in the coil.



Condenser, Liebig, with ground cone and socket



- Complies with DIN 12576
- Popular water-jacketed condenser suitable for distillation and reflux applications
- With detachable plastic screwthread connectors for easy and safe attachment of rubber hose

Product Code	Approx surface area (x 10 ⁻² m ²)	Socket size	Cone size	Approx effective length (mm)	Approx overall length (mm)	Pack qty.
C1/00	0.15	10/19	10/19	60	135	1
C1/11/SC	0.60	14/23	14/23	160	260	1
C1/12/SC	1.00	19/26	19/26	210	340	1
C1/12/25/SC	1.30	19/26	19/26	250	380	1
C1/13/SC	1.00	24/29	24/29	250	390	1
C1/14/25/SC	1.30	29/32	29/32	250	400	1
C1/22/SC	2.00	19/26	19/26	400	530	1
C1/23/SC	2.00	24/29	24/29	400	535	1
C1/44/SC	2.90	29/32	29/32	400	550	1



C1/00 is fitted with glass olives because of size limitations.

One piece distillation apparatus



- Comprises Liebig condenser, stillhead and receiver adapter in a single piece
- Angle and position pre-defined
- Simple to set up with fewer clamps required
- Less grease contamination
- No air leakage under vacuum
- No liquid hold-up at the joints

Product Code	Cone size	Socket size	Approx effective condenser length (mm)	Pack qty.
DA1/22	19/26	14/23	155	1



Connectors



Connectors, screwthread



- For use with glassware manufactured by SciLabware Ltd having 13mm screwthread inlets and outlets
- Allows 9mm bore rubber hose and flexible tubing to be attached to the glassware easily and safely
- Polypropylene screwthread connectors with Viton 'O' rings for use up to 140°C
- PTFE screwthread connectors with PTFE protected 'O' rings for use up to 200°C
- PTFE connectors have a high chemical resistance and are ideal for connections in contact with aggressive liquids or chemical vapours

Product Code	Description	Pack qty.
4510/02	Polypropylene screwthead connector	10
4510/04	PTFE screwthread connector	10
4511/02	Spare Viton 'O' ring	10



Connectors, screwthread holder



- For use with all connectors manufactured by SciLabware Ltd and having 13mm screwthread inlets and outlets
- Screws onto the screwthread connector to hold it whilst inserting into the tubing
- Allows safer and easier removal of the connector from the hose or tubing
- Autoclavable

Product Code	Description	Pack qty.
4512/02	Screwthread holder	5



Connectors, 'T' pattern, polypropylene



- "T" pattern tubing connectors in polypropylene
- Tapered arms are rigid with steps to give firm grip
- Autoclavable at 121°C with good chemical resistance

Product Code	O.D. (mm)	I.D. (mm)	Pack qty.
CWH204	4 - 7	2	10
CWH206	6 - 7	4	10
CWH208	8 - 9	7	10
CWH210	10 - 12	9	10

Connectors, 'Y' pattern, polypropylene



- "Y" pattern tubing connectors in polypropylene
- Tapered arms are rigid with steps to give firm grip
- Autoclavable at 121°C with good chemical resistance

Product Code	O.D. (mm)	Pack qty.
CWH304	4 - 7	10
CWH306	6 - 7	10
CWH308	8 - 9	10
CWH310	10 - 12	10



Connectors, straight pattern, polypropylene



- Straight pattern tubing connectors in white polypropylene
- For connecting tubing of similar or different sizes
- Tapered arms are rigid with steps to give firm grip
- Autoclavable at 121°C with good chemical resistance

Product Code	O.D. (mm)	Pack qty.
CWH600	4 - 7 and 4 - 7	10
CWH602	4 - 7 and 7 - 12	10
CWH604	7 - 12 and 7 - 12	10
CWH606	4 - 7 and 10 - 15	10
CWH608	7 - 12 and 10 - 15	10
CWH610	10 - 15 and 10 - 15	10



Connectors, non-return valves, polypropylene



- Designed for use in vacuum lines and fluid handling systems
- Useful for preventing back pressure in filter flasks
- Printed arrow indicates the direction of flow
- Rigid with stepped tapered arms to give firm grip on tubing

Product Code	O.D. (mm)	Pack qty.
NWH902P	6 - 8	5
NWH905P	8 - 10	5
NWH906P	11 - 15	5



Containers



Containers, gallipots, polypropylene



- Low form dishes made from medical grade polypropylene
- Suitable for sampling, short term storage, micro-analysis or many other applications
- Moulded graduations to capacity
- 60ml pots are available sterile in individually wrapped vac packs
- Non-sterile versions are autoclavable to 121°C

Product Code	Capacity (ml)	Description	Packaging	Pack qty.
GWY520	60	Non-sterile	Bulk	1000
GWY524	60	Sterile	Individually wrapped	400
GWY526	120	Non-sterile	Bulk	1000
GWY528	250	Non-sterile	Bulk	750



Containers, gallipot, tray, 3 compartment, polypropylene



- 3 compartment tray with 2 integral gallipots
- Made from medical grade polypropylene
- Suitable for sampling, short term storage, micro-analysis or any other applications
- Non-sterile - can be autoclavable at 121°C

Product Code	Dimensions (h x l x w) (mm)	Pack qty.
GWY530	28 x 196 x 130	200



Medicine measures, polypropylene



- Translucent and robust graduated medicine measures
- Made from medical grade polypropylene
- Nest to save space
- Ideal for use when taking pH measurements

Product Code	Capacity (ml)	Grads. (ml)	O.D. (mm)	Height (mm)	Pack qty.
MWY514	30	1.0	37	42	1000
MWY518	50	5.0	50	53	1000

Containers, screw cap, polypropylene



- Useful wide neck containers with liner-less screw caps
- Good chemical resistance
- Ideal for storage of samples, powders, etc.

Product Code	Capacity (ml)	O.D. x height (mm)	Pack qty.
JWP0030P	30	43 x 43	72
JWP0060P	60	53 x 47	48
JWP0125P	125	70 x 60	36
JWP0250P	250	89 x 66	36
JWP0500P	500	89 x 97	24
JWP0950P	950	120 x 100	24
JWP1200P	1200	120 x 132	24



Containers, snap-on lid, polypropylene



- Useful lightweight tapered containers with tight fitting LDPE lids
- Good chemical resistance
- Ideal for storage of samples, powders, etc.
- JWH0125P and JWH5000P are manufactured from HDPE
- Suitable for food contact applications in accordance with USA regulations

Product Code	Capacity (ml)	O.D. x height (mm)	Pack qty.
JWH0125P	125	80 x 40	250
JWH0250P	250	70 x 70	250
JWH0500P	500	70 x 90	100
JWH1000P	1000	90 x 120	100
JWH2000P	2000	140 x 150	50
JWH2500P	2500	170 x 150	25
JWH5000P	5000	200 x 210	25



Containers, specimen, LDPE



- Containers with captive hinged cap suitable for many applications
- Lightweight and unbreakable in normal use
- Can withstand temperatures up to 80°C

Product Code	Capacity (ml)	O.D. x height (mm)	Pack qty.
BGG302	1	8 x 38	20
BGG304	2.5	12 x 40	20
BGG306	5	15 x 49	20
BGG308	10	28 x 32	10
BGG311	20	32 x 36	10
BGG312	25	25 x 78	10

Containers, specimen, polystyrene



- Clear polystyrene containers with maximum sample visibility
- Polyethylene airtight snap-on lids for quick easy use

Product Code	Capacity (ml)	O.D. x height (mm)	Pack qty.
BGG440P	10	26 x 28	10
BGG442P	20	32 x 33	10
BGG444P	30	36 x 33	10
BGG446P	50	36 x 53	10
BGG450P	100	51 x 60	10
BGG452P	150	65 x 53	10
BGG454P	200	65 x 68	10
BGG456P	250	65 x 85	5
BGG458P	500	100 x 100	5


Crucibles, Gooch

PYREX®

- Ideal for drying precipitates to constant mass at 110°C
- Also suitable for ignition work up to 450°C (see safety notice)
- With integral glass sintered disc
- Manufactured from chemically resistant Pyrex® borosilicate glass

Product Code	Nom. capacity (ml)	Sintered disc diam. (mm)	Porosity grade	Overall height (mm)	Pack qty.
3650/02M	10	20	1	45	5
3650/04M	10	20	2	45	5
3650/06M	10	20	3	45	5
3650/08M	10	20	4	45	5
3660/02M	30	30	1	53	5
3660/04M	30	30	2	53	5
3660/06M	30	30	3	53	5
3660/08M	30	30	4	53	5
3660/10M	30	30	5	53	5
3680/02M	60	40	1	65	5
3680/04M	60	40	2	65	5
3680/06M	60	40	3	65	5
3680/08M	60	40	4	65	5
3680/10M	60	40	5	65	5




 Avoid sudden changes in temperature which can result in thermal breakage. For high temperature ignition work, use a furnace and slowly heat to 450°C maximum. Allow to cool below 200°C before removing from the furnace.

Crucible Adapter

PYREX®

- Allows Gooch crucibles to be fitted to a Büchner filter flask
- Useful for filtering and washing precipitates prior to drying

Product Code	To fit crucible	Open end I.D. (mm)	Height excluding stem (mm)	Stem O.D. (mm)	Stem length (mm)	Pack qty.
3690/02M	3650:	30	60	9	75	10
3690/04M	3660:	37	68	9	75	10
3690/08M	3680:	47	78	9	75	10

 For fitting a crucible onto the adapter, it is necessary to use a rubber cone as detailed on page 110.



Crucibles, cutting board



Rubber cones

Azlon

- For mounting Gooch crucibles onto Adapters 3690: series
- Manufactured from natural rubber
- Set of six sizes; 15, 22, 28, 36, 42 and 52mm I.D. at top
- May also be used for mounting filter funnels into Büchner flasks

Product Code	Description	Pack qty.
CON0006A	Set of 6 cones	1



Cutting board, polypropylene

A E Azlon

- Autoclavable at 121°C
- Good chemical resistance
- Unbreakable in normal use
- Non-absorbent and easy to clean

Product Code	Overall dim. l x b x h mm	Pack qty.
BWY300	300 x 210 x 9	1

Cylinders, with spout, class A, works certified

PYREX®

- Complies with ISO 4788
- Calibrated to Class A tolerances
- Individually tested and supplied with certificate showing exact volume contained at 5 points on the scale
- Conformity 'H' certified
- Printed with individual serial number for traceability to National Standards.
- Graduations in white enamel
- Manufactured from chemically resistant borosilicate glass with hexagonal foot

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Max. height (mm)	Pack qty.
3201/02WC*	5	0.1	0.05	115	2
3201/04WC*	10	0.2	0.10	140	2
3201/06WC	25	0.5	0.25	170	2
3201/08WC	50	1.0	0.50	200	2
3201/10WC*	100	1.0	0.50	260	2
3201/12WC*	250	2.0	1.00	335	2
3201/14WC	500	5.0	2.50	365	2
3201/16WC	1000	10.0	5.00	465	2
3201/18WC	2000	20.0	10.00	505	1



* conforms with USP requirements.

Cylinders, with spout, class A

PYREX®

- Complies with ISO 4788
- Calibrated to Class A tolerances
- Conformity 'H' certified
- Printed with serial number for downloadable batch certificate
- Graduations in white enamel
- Manufactured from chemically resistant Pyrex® borosilicate glass

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Max. height (mm)	Pack qty.
3201/02	5	0.1	0.05	115	2
3201/04	10	0.2	0.10	140	2
3201/06	25	0.5	0.25	170	2
3201/08	50	1.0	0.50	200	2
3201/10	100	1.0	0.50	260	2
3201/12	250	2.0	1.00	335	2
3201/14	500	5.0	2.50	365	2
3201/16	1000	10.0	5.00	465	2
3201/18	2000	20.0	10.00	505	1



Batch certificates can be downloaded for free at www.scilabware.com. UKAS certified cylinders are available on request.

Cylinders



Cylinders, blue graduations, class B

MBL®

- Complies with ISO 4788
- Easy to read graduations in blue enamel
- Manufactured in chemically resistant borosilicate glass
- Robust hexagonal foot

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Max. height (mm)	Pack qty.
CRC201	5	0.1	0.1	115	2
CRC202	10	0.2	0.2	140	2
CRC204	25	0.5	0.5	170	2
CRC206	50	1.0	1.0	200	2
CRC209	100	1.0	1.0	260	2
CRC211	250	2.0	2.0	335	2
CRC213	500	5.0	5.0	365	2
CRC214	1000	10.0	10.0	465	2
CRC216	2000	20.0	20.0	505	1



Cylinders, white graduations, class B

PYREX®

- Complies with ISO 4788
- Manufactured to Class B tolerances
- Robust hexagonal foot
- White enamel graduations which remain visible when using dark coloured solutions
- Manufactured from chemically resistant borosilicate glass

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Max. height (mm)	Pack qty.
3200/02MP	5	0.1	0.1	115	2
3200/04MP	10	0.2	0.2	140	2
3200/06MP	25	0.5	0.5	170	2
3200/08MP	50	1.0	1.0	200	2
3200/10MP	100	1.0	1.0	260	2
3200/12MP	250	2.0	2.0	335	2
3200/14MP	500	5.0	5.0	365	2
3200/16MP	1000	10.0	10.0	465	2
3200/18MP	2000	20.0	20.0	505	1

Cylinders, tall form, heavy duty rim, class B**PYREX®**

- Complies to ISO 4788
- Heavy duty construction for increased mechanical strength and longer life:
 - Heavily beaded rim and spout
 - Robust hexagonal foot
- Graduations in highly contrasting blue enamel
- Manufactured from Pyrex® borosilicate glass for high resistance to chemical attack

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Max. height (mm)	Pack qty.
3280-50	50	1.0	1.0	196	2
3280-100	100	1.0	1.0	256	2
3280-250	250	2.0	2.0	331	2
3280-500	500	5.0	5.0	360	2
3280-1L	1000	10.0	10.0	460	2
3280-2L	2000	20.0	20.0	500	1

**Cylinders, squat form, heavy duty rim, class B****PYREX®**

- Complies with ISO 4788
- Squat height - more stable
- Heavy duty construction for increased mechanical strength and longer life:
 - Heavily beaded rim and spout
- More convenient to use in confined spaces - e.g. fume cupboards
- Graduations in blue enamel
- Manufactured from Pyrex® borosilicate glass

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Max. height (mm)	Pack qty.
3285-10	10	1.0	0.3	100	2
3285-25	25	1.0	0.5	125	2
3285-50	50	1.0	1.0	150	2
3285-100	100	2.0	1.0	170	2
3285-250	250	5.0	2.0	230	2
3285-500	500	10.0	5.0	255	2
3285-1L	1000	20.0	10.0	295	1





Cylinders, with detachable foot, class B, complete cylinder

PYREX®

- Complies with ISO 4788
- Comprises Pyrex® glass cylinder and polyethylene foot
- Glass cylinder has white enamel graduations
- Polyethylene foot absorbs impact and reduces breakage
- Replacement feet available separately

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Approx overall height (mm)	Pack qty.
3205/04MP	10	0.2	0.2	150	2
3205/06MP	25	0.5	0.5	175	2
3205/08P	50	1.0	1.0	195	2
3205/10P	100	1.0	1.0	270	2
3205/12P	250	2.0	2.0	320	2

Spare plastic feet

Product Code	Description	Pack qty.
4500/00	To fit cylinder capacity: 10ml	10
4500/01	To fit cylinder capacity: 25ml	10
4500/02M	To fit cylinder capacity: 50ml	10
4500/04M	To fit cylinder capacity: 100ml	10
4500/06M	To fit cylinder capacity: 250ml	10

Cylinders, hexagonal foot, white graduations, class A, works certified

PYREX®

- Complies with ISO 4788
- Calibrated to Class A tolerances
- Individually tested and supplied with certificate showing exact volume contained at 5 points on the scale
- Conformity 'H' certified
- Printed with individual serial number for batch certification
- Manufactured from chemically resistant Pyrex borosilicate glass with hexagonal glass
- Graduations in white enamel for improved visibility with dark coloured solutions
- Supplied with polyethylene stopper

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Stopper size	Max. height (mm)	Pack qty.
3212/04WC	10	0.2	0.10	10/19	159	2
3212/06WC	25	0.5	0.25	14/23	193	2
3212/08WC	50	1.0	0.50	19/26	226	2
3212/10WC	100	1.0	0.50	24/29	291	2
3212/12WC	250	2.0	1.00	29/32	367	2
3212/14WC	500	5.0	2.50	34/35	403	2
3212/16WC	1000	10.0	5.00	45/40	505	2
3212/18WC	2000	20.0	10.00	45/40	545	1



For spare polyethylene stoppers refer to page 258.



Batch certificate is available as a free download at www.scilabware.com.

Cylinders, hexagonal foot, white graduations, class A PYREX®

- Complies with ISO 4788
- Printed with a batch code for a downloadable batch certificate
- Manufactured from chemically resistant Pyrex borosilicate glass
- Graduations in white enamel for improved visibility with dark coloured solutions
- Supplied with polyethylene stopper
- Robust hexagonal glass foot

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Stopper size	Max. height (mm)	Pack qty.
3212/04	10	0.2	0.10	10/19	159	2
3212/06	25	0.5	0.25	14/23	193	2
3212/08	50	1.0	0.50	19/26	226	2
3212/10	100	1.0	0.50	24/29	291	2
3212/12	250	2.0	1.00	29/32	367	2
3212/14	500	5.0	2.50	34/35	403	2
3212/16	1000	10.0	5.00	45/40	505	2
3212/18	2000	20.0	10.00	45/40	545	1



For spare polyethylene stoppers refer to page 258.



Batch certificate is available as a free download at www.scilabware.com.

Cylinders



Cylinders, with plastic stopper, hexagonal foot, white graduations, class B

PYREX®

- Complies with ISO 4788
- Supplied with interchangeable polyethylene stopper
- Graduations in white enamel for improved visibility with dark coloured solutions
- Manufactured in chemically resistant Pyrex® borosilicate glass
- Robust hexagonal foot

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Stopper size	Max. height (mm)	Pack qty.
3211/04MP	10	0.2	0.2	10/19	159	2
3211/06MP	25	0.5	0.5	14/23	193	2
3211/08MP	50	1.0	1.0	19/26	226	2
3211/10MP	100	1.0	1.0	24/29	291	2
3211/12MP	250	2.0	2.0	29/32	367	2
3211/14MP	500	5.0	5.0	34/35	403	2
3211/16MP	1000	10.0	10.0	45/40	505	2
3211/18MP	2000	20.0	20.0	45/40	545	1



For spare polyethylene stoppers refer to page 258.



Cylinders, with plastic stopper, hexagonal foot, blue graduations, class B

MBL®


- Complies with ISO 4788
- Supplied with polyethylene stopper
- Graduations in easy to read blue enamel
- Manufactured from borosilicate glass
- Robust hexagonal foot

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Stopper size	Max. height (mm)	Pack qty.
CRC302	10	0.2	0.2	10/19	159	2
CRC304	25	0.5	0.5	14/23	193	2
CRC306	50	1.0	1.0	19/26	226	2
CRC308	100	1.0	1.0	24/29	291	2
CRC310	250	2.0	2.0	29/32	367	2
CRC312	500	5.0	5.0	34/35	403	2
CRC314	1000	10.0	10.0	45/40	505	2
CRC316	2000	20.0	20.0	45/40	545	1

Cylinders, with plastic stopper and detachable foot, PYREX® class B, complete cylinder

- Complies with ISO 4788
- Comprises borosilicate glass cylinder polyethylene foot and polyethylene stopper
- Replacement parts available separately
- Graduations in white enamel

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Stopper size	Max. height (mm)	Pack qty.
3215/06MP	25	0.5	0.5	14/23	175	2
3215/08P	50	1.0	1.0	19/26	195	2
3215/10P	100	1.0	1.0	24/29	270	2
3215/12P	250	2.0	2.0	29/32	320	2

 For further details on spare plastic feet see page 114.



Cylinders, Nessler

- For colour comparison of water samples etc.
- Manufactured from borosilicate tubing specially selected for freedom from colour or visible defects
- Cylinder bases are formed by a technique which gives maximum clarity
- Supplied in matched pairs for uniformity

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	O.D. x height (mm)	Pack qty.
CRC320	50	50	0.4	26 x 150	2
CRC322	100	50 & 100	0.8	34 x 180	2

MBL®



Cylinders, Crow Receiver, class B

- Complies with BS 658
- For the collection of distillate in oil and tar tests
- Graduations in white enamel
- Manufactured from Pyrex® borosilicate glass

Product Code	Capacity (ml)	Grads. (ml)	Overall height (mm)	Pack qty.
3400/04	100	1	250	2

PYREX®



Cylinders



Cylinders, printed graduations, class A, PMP (TPX)



- Calibrated to ISO 6706 and DIN 12681, class A tolerances
- Steam sterilisation at 121°C does not affect accuracy
- Supplied with conformity certificate
- Enhanced pin sharp blue printed graduations
- Stable hexagonal bases with non-slip anti-suction feature

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Height (mm)	Pack qty.
CTA0010P	10	0.2	0.1	145	2
CTA0025P	25	0.5	0.2	170	2
CTA0050P	50	1.0	0.5	200	2
CTA0100P	100	1.0	0.5	250	5
CTA0250P	250	2.0	1.0	315	1
CTA0500P	500	5.0	2.5	360	1
CTA1000P	1000	10.0	5.0	440	1
CTA2000P	2000	20.0	10.0	535	1



Cylinders, printed graduations, class B, PMP (TPX)



- Calibrated to ISO 6706 and DIN 12681, class B tolerances
- Steam sterilisation at 121°C does not affect accuracy
- Enhanced pin sharp blue printed graduations
- Stable hexagonal bases with non-slip anti-suction feature

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Height (mm)	Pack qty.
CTB0010P	10	0.2	0.2	145	10
CTB0025P	25	0.5	0.5	170	5
CTB0050P	50	1.0	1.0	200	5
CTB0100P	100	1.0	1.0	250	5
CTB0250P	250	2.0	2.0	315	1
CTB0500P	500	5.0	5.0	360	1
CTB1000P	1000	10.0	10.0	440	1
CTB2000P	2000	20.0	20.0	535	1

Cylinders, moulded graduations, class B, PMP (TPX)



- Conform to ISO 6706
- Transparent robust PMP
- Good chemical resistance
- Large pouring spout for easy dispensing
- Autoclavable to 121°C

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Height (mm)	Pack qty.
CT0010P	10	0.2	0.2	145	10
CT0025P	25	0.5	0.5	170	5
CT0050P	50	1.0	1.0	200	5
CT0100P	100	1.0	1.0	250	5
CT0250P	250	2.0	2.0	315	1
CT0500P	500	5.0	5.0	360	1
CT1000P	1000	10.0	10.0	440	1
CT2000P	2000	20.0	20.0	535	1



Cylinders, printed graduations, class B, polypropylene



- Conform to ISO 6706
- Clear pin sharp blue graduations
- Ultra clear polypropylene with good chemical resistance
- Stable hexagonal bases with non slip anti-suction feature

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Height (mm)	Pack qty.
CPB0010P	10	0.2	0.2	145	10
CPB0025P	25	0.5	0.5	170	10
CPB0050P	50	1.0	1.0	200	10
CPB0100P	100	1.0	1.0	250	5
CPB0250P	250	2.0	2.0	315	1
CPB0500P	500	5.0	5.0	360	1
CPB1000P	1000	10.0	10.0	440	1
CPB2000P	2000	20.0	20.0	535	1



Exposure to temperatures above 80°C may affect accuracy. Cleaning temperatures below 60°C are recommended to preserve marks and inscriptions.

Cylinders



i Exposure to temperatures above 80°C may affect accuracy.

Cylinders, moulded graduations, class B, polypropylene



- Conform to ISO 6706
- Ultra clear polypropylene with good chemical resistance
- Large pouring spout for easy dispensing
- Stable hexagonal bases with non slip anti-suction feature
- Permanent moulded graduations

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Height (mm)	Pack qty.
CP0010P	10	0.2	0.2	145	10
CP0025P	25	0.5	0.5	170	10
CP0050P	50	1.0	1.0	200	10
CP0100P	100	1.0	1.0	250	5
CP0250P	250	2.0	2.0	315	1
CP0500P	500	5.0	5.0	360	1
CP1000P	1000	10.0	10.00	440	1
CP2000P	2000	20.0	20.0	535	1

Cylinders, moulded graduations, set, class B, polypropylene

Product Code	Description	Pack qty.
NB1203	Set of 6 cylinders comprising (1x 10, 25, 50, 100, 250 & 500ml)	1



Cylinders, squat form, class B, polypropylene



- Squat design for increased stability on the bench and ease of handling particularly in restricted spaces
- Unique self-draining base eliminating water collection during washing in an automatic laboratory washing machine, thereby removing all spill and contamination issues
- Moulded, blue over-printed graduations
- Manufactured from high clarity polypropylene
- Good chemical and temperature resistance
- Anti-suction base stops cylinders slipping on a wet surfaces

Product Code	Capacity (ml)	Grads. (ml)	Tol. (+/- ml)	Height (mm)	Pack qty.
CPS0100P	100	2.0	2.0	163	5
CPS0250P	250	5.0	5.0	192	1
CPS0500P	500	10.0	10.0	218	1
CPS1000P	1000	20.0	20.0	285	1

i Exposure to temperatures up to 80°C will not cause permanent exceeding of tolerance limits. Cleaning temperatures below 60°C are recommended to preserve marks and inscriptions.


Desiccators, non-vacuum

PYREX®

- Robust desiccator base and cover in borosilicate glass
- Simple design for drying under atmospheric pressure
- Ground glass flanges
- Choice of 2 sizes - to accommodate 150mm or 200mm diameter plates
- Plates are positioned on an internal ledge within the base
- Accessory metal perforated plate available

Product Code	Description	Flange I.D. (mm)	Plate size (mm)	Height, ledge to flange (mm)	Pack qty.
1590/02D	Complete desiccator	170	150	85	1
1590/04D	Spare cover	170	-	0	1
1590/06D	Spare base	170	150	85	1
1591/02D	Complete desiccator	220	200	120	1
1591/04D	Spare cover	220	-	0	1
1591/06D	Spare base	220	200	120	1



 Complete desiccators consist of a base and cover. Not supplied with metal perforated plate. See page 122 for information on this product.


Desiccators, vacuum

PYREX®

- Designed for use under vacuum
- Sturdy construction in borosilicate glass
- Ground glass flanges
- Cover has a 24/29 socket to accept desiccator stopcocks
- Choice of 2 sizes - to accommodate 150mm or 200mm diameter plates
- Plates are positioned on an internal ledge within the base
- Accessory metal perforated plate and Rotaflo® glass/PTFE stopcock available

Product Code	Description	Flange I.D. (mm)	Plate size (mm)	Height, ledge to flange (mm)	Socket size	Pack qty.
1593/02D	Complete desiccator	170	150	85	24/29	1
1593/04D	Spare cover	170	-	-	24/29	1
1594/02D	Complete desiccator	220	200	120	24/29	1
1594/04D	Spare cover	220	-	-	24/29	1



 Complete desiccators consist of a base, cover and stopcock. Not supplied with metal perforated plate.

Desiccators



Desiccator plate

- Metal perforated plate for use with Pyrex® vacuum and non-vacuum desiccators

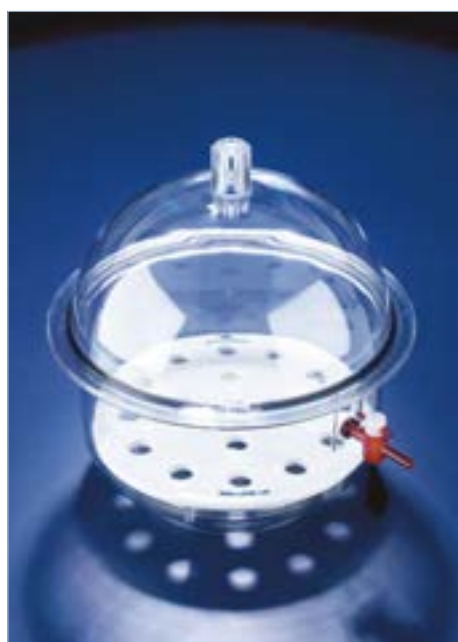
Product Code	Plate size (mm)	Pack qty.
1597/02D	150	1
1597/04D	200	1



Desiccator stopcock

- For use with Pyrex® vacuum desiccators
- With Rotaflo® stopcock for vacuum tight seal

Product Code	Joint size	Pack qty.
1612/03	24/29	1



Desiccators, vacuum, polycarbonate



- Transparent polycarbonate cover and base
- Durable with high impact resistance
- Will safely withstand high vacuum pressures
- Ceramic plate permits the use of incandescent crucibles

Product Code	Description	I.D. (mm)	Plate size (mm)	Overall height (mm)	Effective inside height (mm)	Pack qty.
DWA215	With Stopcock	215	205	262	178	1
DWA245	With Stopcock	245	236	296	195	1

Desiccators, vacuum, polycarbonate, spares

Product Code	Description	Pack qty.
DWA205	Spare plate for DWA 215	1
DWA236	Spare plate for DWA245/246	1
DWA510	Spare stopcock for DWA215/245	1

Desiccator, cabinet, polystyrene



- Provides moisture-proof storage
- Clear high impact polystyrene cabinet
- Space saving stacking feature
- Airtight door made from acrylonitrile-styrene with foam rubber gasket
- Supplied with sealed jar of silica gel

Product Code	Int. l x w x h (mm)	Ext. l x w x h (mm)	Door opening (mm)	Pack qty.
DWA301	190 x 175 x 110	225 x 208 x 170	188 x 110	1



Not suitable for vacuum use or filling with gases.



Dilatometer



- For measuring the expansion in volume of edible oils and fats over a temperature range within which melting takes place
- Dilatometer body is graduated with an arbitrary scale, from 0 - 0.9ml
- Graduated at every 0.005ml with clear figures every 0.05ml
- Chamber is filled with oil or fat and the meniscus should be settled on zero when the stopper is in place at starting temperature
- Interchangeable stopper has open top to allow weighting with steel balls etc.

Product Code	Description	Socket size	Cone size	Pack qty.
SB14DL	Stopper	-	14/23	1
WE12/1	Dilatometer body	14/23	-	1



Crystallising dishes, flat bottom

PYREX®

- Complies to DIN 12337
- Manufactured from Pyrex® borosilicate glass
- Suitable for use up to 400°C
- Chemically and thermally resistant

Product Code	Capacity (ml)	Diam. (mm)	Height (mm)	Pack qty.
1470/03M	15	40	25	10
1470/00M	30	52	30	10
1470/01M	60	58	35	10
1470/02D	100	70	40	10
1470/04D	150	80	45	10
1470/08D	300	95	55	10
1470/10D	500	115	65	10
1470/12D	900	140	75	10
1470/16D	2000	190	90	10

Crystallising dishes, flat bottom, with spout

PYREX®

- Complies to DIN 12338
- Manufactured from Pyrex® borosilicate glass
- Suitable for use up to 400°C
- Chemically and thermally resistant

Product Code	Capacity (ml)	Diam. (mm)	Height (mm)	Pack qty.
1471/03M	15	40	25	10
1471/00M	30	52	30	10
1471/01M	60	58	35	10
1471/02M	100	70	40	10
1471/04M	150	80	45	10
1471/08M	300	95	55	10
1471/10M	500	115	65	10
1471/12M	900	140	75	10
1471/16M	2000	190	90	10



Evaporating dishes

- Complies to DIN 12336
- Manufactured from Pyrex® borosilicate glass
- High resistance to chemical attack and thermal shock
- Flat base
- Curved sides with spout

Product Code	Capacity (ml)	Diam. (mm)	Height (mm)	Pack qty.
1450/01D	15	50	25	10
1450/03D	45	60	30	10
1450/04D	90	80	45	10
1450/06D	170	95	55	10
1450/10D	320	115	65	10
1450/14D	600	140	80	10

 1450/01D, 1450/03D & 1450/04D are unbadged.


PYREX®



Dishes, general purpose

- Manufactured from chemically resistant Pyrex® borosilicate glass
- Ideal for numerous applications:
 - Drying powders and crystals
 - Staining and development
 - Collection of drips and spills from solution bottles
 - Gel electrophoresis and paper chromatography
 - Dissection work
- Dishes can be autoclaved or used in microwave ovens

Product Code	Capacity (ml)	Length (mm)	Width (mm)	Height (mm)	Pack qty.
1490/02	2000	262	199	57	4
1490/04	1500	228	215	60	4
1490/06	3500	312	232	55	4
1490/08	4500	366	266	55	4

 Dimensions are approximate.

PYREX®





Pestle

PYREX®

- Ideal for crushing solids into powders for easier handling
- Manufactured from Pyrex® borosilicate glass for highest resistance to thermal shock and chemical corrosion
- Available in a rough or glazed finish
- For use with Pyrex® Mortars

Product Code	Finish	Length (mm)	Pack qty.
718342	Rough	110	1
718342R	Glazed	110	1
718347	Rough	125	1
718347R	Glazed	125	1

i Pestles and mortars should be ordered separately.

Mortar

PYREX®

- Manufactured from Pyrex® borosilicate glass for highest resistance to thermal shock and chemical corrosion
- For use with Pyrex® Pestle
- Ideal for preparing compounds, mixing and grinding powders

Product Code	Capacity (ml)	O.D. (mm)	Height (mm)	Pack qty.
718234	100	80	60	1
718242	120	100	75	1
718247	300	120	90	1



Petri dishes

PYREX®

- Specially formed to ensure even wall thickness and consistent optical performance
- Will withstand repeated autoclaving
- Manufactured from chemically resistant Pyrex® borosilicate glass

Product Code	Size (mm)	Base ext. dia (mm)	Cover int. dia (mm)	Pack qty.
1480/02D	60 x 20	54	55	10
1480/06D	80 x 20	74	75	10
1480/08D	100 x 20	94	95	10
1480/10D	120 x 20	114	115	10
1480/12D	150 x 30	143	145	10

Dispensers, tilt measure, variable volume



- Ideal for dispensing fixed volumes of liquids
- Very easy to use
 - Tilt the unit backwards to fill
 - Tilt the unit forwards to dispense
- Accuracy of $\pm 5\%$ can be achieved
- Fits any vessel with a 24/29 socket
- Manufactured from chemically resistant borosilicate glass

Product Code	To accept inner measures (ml)	Cone size	Thread size (mm)	Pack qty.
TM28/23	5ml o 10ml	24/29	28	1
TM28/43	20ml o 25ml	24/29	28	1



Inner tilt measures

Product Code	Capacity (ml)	Pack qty.
TM11/5	5	1
TM11/10	10	1
TM11/20	20	1
TM11/25	25	1



Comprises outer body which accepts choice of inner measures: TM28/23 for use with either 5ml or 10ml inner measures or TM28/43 for use with either 20ml or 25ml inner measures.

Extractors, Soxhlet



- Conforms to BS 2071
- For extracting soluble components or impurities from solids via repeated soaking/siphoning with solvent
- Wide choice of extractors to accommodate most sizes of sample and thimbles
- Accurately formed concentric siphon tube for reliable performance

Product Code	Nom. capacity (siphoning vol.) (ml)	Socket size	Cone size	Approx overall height (mm)	Pack qty.
EX5/21	6	19/26	14/23	150	1
EX5/32	20	24/29	19/26	175	1
EX5/43	40	29/32	24/29	200	1
EX5/53	60	34/35	24/29	205	1
EX5/55	60	34/35	34/35	205	1
EX5/55/100	100	34/35	34/35	240	1
EX5/63	100	40/38	24/29	220	1
EX5/83	200	50/42	24/29	250	1



Approximate overall height is measured from the wide end of the cone.

Extractors



Extractors, Soxhlet, large capacity



- Conforms to BS 2071
- Large capacity extractors
- With flat flange joints to permit introduction of large samples
- Used in conjunction with flat flange lid and retaining clip which should be ordered separately

Product Code	Nom. capacity (siphoning vol.) (ml)	Extractor flange size (mm)	Extractor cone size	Pack qty.
EX5/75	600	75	34/35	1
EX5/105	2000	100	34/35	1

Lids for large capacity Soxhlet extractor

Product Code	Description	Socket size	Pack qty.
DA5/75	Lid for EX5/75	34/35	1
DA5/100	Lid for EX5/105	34/35	1

Metal clip for large capacity Soxhlet extractor

Product Code	Description	Pack qty.
JC75F	Metal clip for EX5/75	1
JC100F	Metal clip for EX5/105	1



Extractors, plain body



- Designed for use in reflux assemblies so that solvent vapour permeates directly through the material to be extracted then condenses and washes back into the flask
- Sample can be supported directly on glass spiral or in a paper or glass thimble

Product Code	Nom. capacity (ml)	Socket size	Cone size	Approx overall height (mm)	Pack qty.
EX7/13	60	34/35	24/29	205	1
EX7/33	200	55/44	24/29	250	1



Approximate overall height is measured from the wide end of the cone.



Take care that the sample or thimble does not totally block the passage of rising vapour and falling condensate.

Extractors, spiral support



Product Code	Description	Diam. (mm)	Pack qty.
EX13/25	To fit EX7/13	29	1
EX13/26	To fit EX7/33	35	1

Extractors, paper thimbles

- Paper thimbles are the most common type used in liquid/solid extractors and although not available from SciLabware, are readily obtained from most laboratory suppliers. Recommended sizes for the Quickfit® range of extractors are as follows:

Product Code	Recommended thimble size (mm)	Pack qty.
EX5/21	10 x 50	1
EX5/32	18 x 65	1
EX5/43	22 x 80	1
EX5/53	28 x 80	1
EX5/55	28 x 80	1
EX5/55/100	28 x 120	1
EX5/63	33 x 100	1
EX5/75	60 x 180	1
EX5/83	41 x 123	1
EX5/105	70 x 240	1
EX7/13	27 x 100	1
EX7/33	33 x 100	1



The dimensions are internal and are given for single thickness thimbles only. If double thickness thimbles are used, the internal diameter should be 2mm less to allow for greater wall thickness. Alternatively, thimbles made from borosilicate glass are available below.

Glass thimbles

PYREX®

- Borosilicate glass with sintered glass disc to support solid sample
- Highly resistant to chemical attack
- Useful for chemical applications where it is required to weigh the extracted material

Product Code	Porosity grade	Disc diam. (mm)	O.D. (mm)	Overall length (mm)	Pack qty.
3840/02M	1	20	26	95	5
3845/02M	1	30	36	95	5



3840: thimbles fit Quickfit® extractors EX5/53 and EX5/55. 3845: thimbles fit Quickfit® extractors EX5/63 and EX5/83.



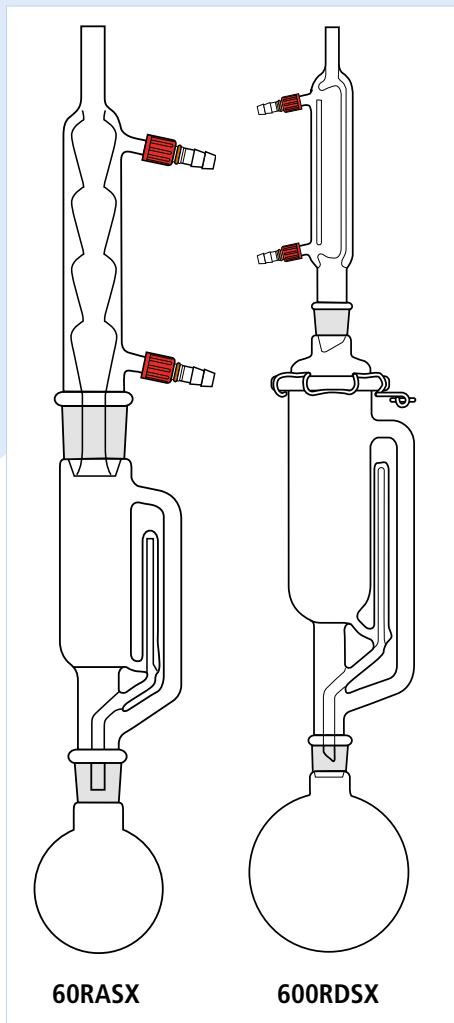
Extractors

Extractors, Soxhlet, complete assemblies



- Each assembly comprises the basic components for solid-liquid extraction : Flask/Soxhlet extractor/Condenser/Associated lids and clips
- Choice of 7 assemblies with extractor capacities from 20ml to 2000ml

Product Code	Nom. capacity (ml)	Components extractor etc	Flask	Condenser	Pack qty.
25RASX	20	EX5/32	FR50/2S	CX7/03/SC	1
40RASX	40	EX5/43	FR100/3S	CX7/04/SC	1
60RASX	60	EX5/53	FR150/3S	CX7/05/SC	1
100RASX	100	EX5/63	FR250/3S	CX7/06/SC	1
200RASX	200	EX5/83	FR500/3S	CX7/08/SC	1
600RDSX	600	EX5/75, DA5/75, JC75F	FR2L/5S	CX5/25/SC	1
2LRCSX	2000	EX5/105, DA5/100, JC100F	FR5L/5US	C13/55	1





ROTAFLOR[®]

PYREX[®] MBL[®]

CUSTOM GLASSWARE MANUFACTURE

- Free quotation without obligation
- Highest quality guaranteed
- All enquiries welcome

Email: customglass@scilabware.com



Filter discs

- Complies with ISO 4793
- For use by Glassblowers constructing special apparatus
- Manufactured from Pyrex® borosilicate glass for resistance to heat and chemical corrosion
- Close control of pore size
- Accurate and consistent disc dimensions
- High mechanical strength to withstand full vacuum
- Convenient packaging



For further information regarding porosities, safe usage and cleaning please refer to the technical information section.

Product Code	Porosity grade	Nom. diam. (mm)	Pack qty.
3010/10M	0	10	10
3020/10M	0	20	10
3030/10M	0	30	10
3040/10M	0	40	10
3050/10M	0	50	10
3090/10M	0	90	1
3010/11M	1	10	10
3020/11M	1	20	10
3030/11M	1	30	10
3040/11M	1	40	10
3050/11M	1	50	10
3065/11M	1	65	1
3090/11M	1	90	1
3120/11M	1	120	1
3010/12M	2	10	10
3020/12M	2	20	10
3030/12M	2	30	10
3040/12M	2	40	10
3050/12M	2	50	10
3065/12M	2	65	1
3090/12M	2	90	1
3120/12M	2	120	1
3010/13M	3	10	10
3020/13M	3	20	10
3030/13M	3	30	10
3040/13M	3	40	10
3050/13M	3	50	10
3065/13M	3	65	1
3090/13M	3	90	1
3120/13M	3	120	1
3010/14M	4	10	10
3020/14M	4	20	10
3030/14M	4	30	10
3040/14M	4	40	10
3050/14M	4	50	10
3065/14M	4	65	1
3090/14M	4	90	1
3120/14M	4	120	1
3040/15M	5	40	10



Filter holder, for 25mm membranes

PYREX®

- With porosity grade 3 sintered glass disc to support 25mm diameter membranes
- Liquids only in contact with chemically resistant borosilicate glass
- Comprises three components which should be ordered separately
 - Funnel 15ml capacity
 - Support base with sintered glass disc
 - Metal retaining clip
- Fully autoclavable

Product Code	Description	Pack qty.
5808/2	Funnel	1
5808/3	Base	1
9830/29M	Clip	1



Filter holder, for 47mm membranes

PYREX®

- With sintered glass disc to support 47mm diameter membranes
- All borosilicate glass liquid pathway to avoid sample contamination
- Comprises three components which should be ordered separately
 - Funnel 300ml capacity
 - Support base with porosity grade 3 sintered glass disc
 - Metal retaining clip
- Fully autoclavable
- Ideal for microbiology

Product Code	Description	Pack qty.
5809/2	Funnel	1
5809/3	Base	1
5810/5	Clip	1

Filtration system, for 47mm diameter membranes **PYREX®**

- All glass filtration system for use with 47mm diameter membranes
- Borosilicate glass porosity grade 3 sintered disc to support membrane
- Complete assembly comprises of four components
 - Funnel 300ml capacity
 - Support base with sintered disc and vacuum connection with 40/38 socket
 - 1000ml conical flask suitable for use under vacuum with 40/38 cone
 - Metal retaining clip
- Fully autoclavable
- Ideal for microbiology and preparation of HPLC solvents
- Each component is also available to order separately



Product Code	Description	Pack qty.	
5809/KIT	Complete assembly	1	NEW
5809/2	Funnel	1	
5810/3	Base	1	
5810/4	Flask	1	
5810/5	Clip	1	




Filter pump

MBL®

- Provides a moderate vacuum (up to 65 mbar) when connected to a water supply
- Fitted with a non-return valve to prevent suck-back and flooding
- Manufactured from chemically resistant borosilicate glass

Product Code	Overall height (mm)	Body diam. (mm)	Pack qty.
FRF442	240	20	1

 Recommended water pressure = 1 bar. Approximate water consumption = 17 l/hr.





Flasks, boiling, flat bottom, narrow neck

PYREX®

- Complies with DIN ISO 1773
- Flat base for standing on benches and hotplates etc.
- Manufactured from Pyrex® glass for high resistance to thermal shock
- Excellent chemical durability for contamination-free performance
- With white enamel marking spot

Product Code	Capacity (ml)	Height (mm)	Body diam. (mm)	Neck I.D. (mm)	Pack qty.
1070/02M	50	100	50	18	10
1070/04D	100	110	64	18	10
1070/12D	250	140	85	30	10
1070/18D	500	170	105	30	10
1070/24D	1000	200	131	36	10
1070/28D	2000	250	166	45	10
1070/32D	4000	300	207	45	1
1070/36D	6000	340	237	57	1
1070/38D	10000	360	280	57	1
1070/40D	12000	465	300	57	1
1070/42D	20000	558	341	60	1

i 12000ml and 20000ml flasks are supplementary to the ISO range.



Flasks, boiling, flat bottom, wide neck

PYREX®

- Complies with DIN ISO 24450
- With wide neck to facilitate easy addition of solid samples etc.
- Flat base for standing on benches and hotplates etc.
- Manufactured from Pyrex® glass for high resistance to thermal shock
- Excellent chemical durability for contamination-free performance

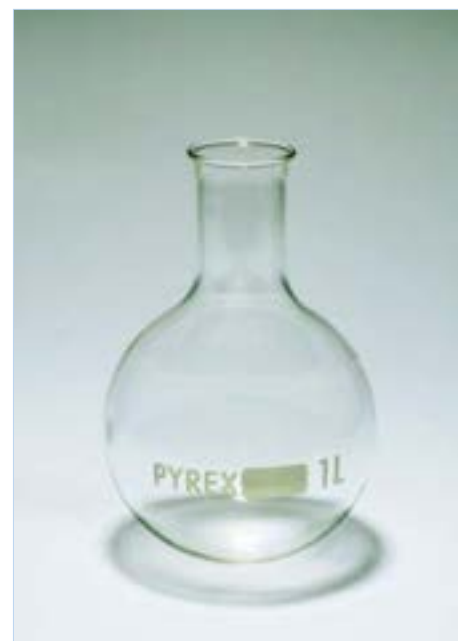
Product Code	Capacity (ml)	Height (mm)	Bulb diam. (mm)	Neck I.D. (mm)	Pack qty.
1080/02M	50	75	52	32	10
1080/04M	100	100	64	32	10
1080/08D	250	140	84	47	10
1080/10D	500	170	103	47	10
1080/12D	1000	200	131	47	10
1080/14D	2000	230	166	76	10


Flasks, boiling, round bottom, narrow neck

PYREX®

- Complies with DIN ISO 1773
- Manufactured from Pyrex® borosilicate glass which offers excellent resistance to chemical corrosion and thermal shock

Product Code	Capacity (ml)	Height (mm)	Bulb diam. (mm)	Neck I.D. (mm)	Pack qty.
1100/02M	50	105	50	18	10
1100/04M	100	115	65	18	10
1100/12D	250	144	85	30	10
1100/18D	500	175	105	30	10
1100/24D	1000	200	131	36	10
1100/28D	2000	260	166	45	10
1100/32D	4000	315	207	45	1
1100/35D	6000	355	236	57	1
1100/36D	10000	420	279	57	1
1100/38D	20000	515	345	67	1



 20000ml flask is supplementary to the ISO range. For information on the safe heating of Pyrex® glassware, please see the care and maintenance of glassware section.


Flasks, boiling, round bottom, wide neck

PYREX®

- Complies with DIN ISO 24450
- With wide neck to facilitate addition of solid samples etc.
- Pyrex® glass means highest resistance to chemical corrosion and thermal shock

Product Code	Capacity (ml)	Height (mm)	Bulb diam. (mm)	Neck I.D. (mm)	Pack qty.
1120/04M	100	100	65	30	10
1120/08D	250	145	85	46	10
1120/14D	500	168	105	46	10
1120/18D	1000	210	131	60	10
1120/22D	2000	260	165	70	10
1120/26D	4000	315	206	70	1
1120/29D	6000	355	236	80	1



 Sizes 1000ml and above have tooled rim for greater durability.



Flasks, conical, narrow neck

PYREX®

- Complies with DIN ISO 1773
- Erlenmeyer pattern
- Manufactured from Pyrex® borosilicate glass for highest resistance to thermal shock and chemical corrosion
- White enamel graduations and marking spot
- Graduated to full capacity
- Printed with Trace Code for downloadable batch certificate
- Batch certificate available to download from www.scilabware.com

Product Code	Capacity (ml)	Body O.D. (mm)	Height (mm)	Neck I.D. (mm)	Pack qty.
1130/03	5	25	52	12	10
1130/05M	10	30	60	12	10
1130/11M	25	42	70	18	10
1130/02M	50	51	85	18	10
1130/06D	100	64	105	18	10
1130/08D	125	69	117	28	10
1130/10D	150	74	118	28	10
1130/12D	200	79	131	34	10
1130/14D	250	85	145	34	10
1130/16D	300	87	156	34	10
1130/20D	500	105	180	34	10
1130/26D	1000	131	220	37	10
1130/30D	2000	166	280	50	10
1130/32D	3000	187	310	52	2
1130/36D	5000	220	365	52	1

NEW



5, 10, 125, 150, 200, 300 and 5000ml flasks are supplementary to the ISO range. 125ml flask conform to ASTM E1404 - 94.

AZLON® SQUAT FORM MEASURING CYLINDERS

- Low height improves stability on lab bench
- Easier to manoeuvre in fume cupboards
- Robust polypropylene construction
- Unique drainage hole for problem-free washing

For full details see CPS: range on page 120



Flasks, conical, narrow neck, heavy duty

PYREX®

- Mechanically stronger than standard flasks
- Designed for longer life and increased user safety
- Reinforced rims to reduce chipping and breakage

Product Code	Capacity (ml)	Height (mm)	Body O.D. (mm)	Neck I.D. (mm)	B.S. stopper size	Pack qty.
4980-10	10	50	31	10	10	12
4980-25	25	65	41	13	13	12
4980-50	50	78	51	14	14	12
4980-125	125	114	67	23	23	12
4980-250	250	132	82	27	27	12
4980-500	500	176	101	31	31	6
4980-1L	1000	216	129	37	37	6
4980-2L	2000	268	160	43	43	1
4980-4L	4000	360	206	43	43	1
4980-6L	6000	410	235	43	43	1



If using Pyrex® conical flasks to prepare culture media or to heat viscous solutions, remember to stir the solution regularly to dissipate the heat. Failure to observe this procedure can result in thermal breakage.



Flasks, conical, wide neck

PYREX®

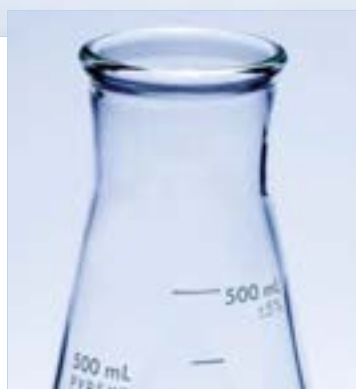
- Complies with DIN ISO 24450
- Erlenmeyer pattern
- Manufactured from Pyrex® borosilicate glass
- Excellent thermal performance
- High resistance to chemical attack
- White enamel graduations and marking spot
- Graduated to capacity
- Printed with Trace Code for downloadable batch certificate
- Batch certificate available to download from www.scilabware.com

Product Code	Capacity (ml)	Body O.D. (mm)	Height (mm)	Neck I.D. (mm)	Pack qty.
1140/02M	50	48	85	30	10
1140/04D	100	64	110	30	10
1140/08D	250	85	140	46	10
1140/10D	500	105	175	46	10
1140/14D	1000	131	220	46	10
1140/18D	2000	153	275	66	10



2000ml size is supplementary to ISO range.





Flasks, conical, wide neck, heavy duty

PYREX®

- Mechanically stronger than conventional Erlenmeyers
- Reinforced rims for extra strength and resistance to impact fracture
- Manufactured from high quality Pyrex® borosilicate glass
- White graduations and marking spot

Product Code	Capacity (ml)	Height (mm)	Body O.D. (mm)	Neck I.D. (mm)	B.S. stopper size	Pack qty.
5100-125	125	109	66	27	27	12
5100-250	250	133	78	33	33	12
5100-500	500	174	97	43	43	6
5100-1L	1000	220	122	52	48	6
5100-2L	2000	282	157	63	58	1

Flasks, conical, screwcap

PYREX®

- Ideal for storage of culture specimens and media
- PBT screwcaps with PTFE faced sealing disc
- Erlenmeyer pattern
- Manufactured from Pyrex® borosilicate glass for highest resistance to thermal shock and chemical corrosion
- White enamel graduations and marking spot
- Graduated to full capacity

Product Code	Capacity (ml)	Body O.D. (mm)	Flask height (mm)	Cap size	Pack qty.
1137/11M	5	25	57	15	10
1137/12M	10	30	68	15	10
1137/13M	25	42	76	22	10
1137/02M	50	51	85	22	10
1137/03D	100	64	105	30	10
1137/06M	250	85	130	42	10
1137/08D	500	105	160	42	10
1137/10M	1000	131	210	42	1
1137/14M	2000	166	280	42	5
1137/18M	3000	187	315	42	5



Spare caps can be found on page 262.



If sterilising flasks by steam or dry heat, the screwcap must NOT be fully tightened. Slacken off first. Failure to follow this procedure can result in pressure build-up and possible fracture of the flask.

Flasks, conical, graduated with ground socket

PYREX®

- Erlenmeyer flasks with high quality Quickfit® ground glass socket
- Manufactured from Pyrex® borosilicate glass for highest resistance to thermal shock and chemical corrosion
- White enamel graduations and marking spot

Product Code	Capacity (ml)	Socket size	Approx overall height (mm)	Approx diam. (mm)	Pack qty.
1132/02	50	19/26	85	50	10
1132/06	100	19/26	110	64	10
1132/14	250	24/29	130	85	10
1132/15	250	29/32	130	85	10
1132/20	500	29/32	170	105	10
1132/26	1000	29/32	210	130	10



These conical flasks are NOT suitable for use under vacuum.

Flasks, conical, graduated, with stopper

PYREX®

- Erlenmeyer flasks with high quality Quickfit® ground glass socket
- Manufactured from Pyrex® borosilicate glass for highest resistance to thermal shock and chemical corrosion
- White enamel graduations and marking spot
- Supplied with hollow blown ground glass stopper

Product Code	Capacity (ml)	Socket size	Approx overall height (mm)	Approx diam. (mm)	Pack qty.
1133/02	50	19/26	85	51	10
1133/06	100	19/26	110	64	10
1133/14	250	29/32	130	85	10
1133/20	500	29/32	170	105	10
1133/26	1000	29/32	210	130	10



These flasks are NOT suitable for use under vacuum

Flasks, conical, with ground socket



- Complies to ISO 4797
- Conical flasks with highest quality Quickfit® ground glass socket
- Borosilicate glass for corrosion-free performance and high resistance to thermal shock



Product Code	Nom. capacity (ml)	Socket size	Approx overall height (mm)	Approx diam. (mm)	Pack qty.
FE5/1	5	14/23	54	25	5
FE10/1	10	14/23	60	34	5
FE25/1	25	14/23	70	42	5
FE25/2	25	19/26	70	42	5
FE50/1	50	14/23	85	51	5
FE50/2	50	19/26	85	51	5
FE50/3	50	24/29	90	51	5
FE100/1	100	14/23	100	64	5
FE100/2	100	19/26	100	64	5
FE100/3	100	24/29	100	64	5
FE100/4	100	29/32	100	64	5
FE150/2	150	19/26	118	74	5
FE150/3	150	24/29	118	74	5
FE150/4	150	29/32	116	74	5
FE250/2	250	19/26	130	85	5
FE250/3	250	24/29	130	85	5
FE250/4	250	29/32	130	85	5
FE250/5	250	34/35	130	85	5
FE500/2	500	19/26	175	101	5
FE500/3	500	24/29	175	101	5
FE500/4	500	29/32	175	101	5
FE500/5	500	34/35	175	101	5
FE1L/3	1000	24/29	220	130	2
FE1L/4	1000	29/32	220	130	2
FE1L/5	1000	34/35	220	130	2
FE2L/4	2000	29/32	270	160	1
FE2L/5	2000	34/35	270	160	1



For Quickfit® glass stoppers please see pages 256-258. Flasks FE5 and FE150 are supplementary to ISO standard.



These conical flasks are NOT suitable for use under vacuum.

Flasks, conical, vacuum



- With heavy walls and bases
- Suitable for use under vacuum

Product Code	Capacity (ml)	Socket size	Approx height (mm)	Approx diam. (mm)	Pack qty.
FEH250/3	250	24/29	139	90	1

 Always take safety precautions when using flasks under vacuum.




Flask, conical, polypropylene



- Polypropylene Erlenmeyer flask with excellent chemical resistance
- Wide neck with PP screw cap or can be used with a stopper
- Flask and cap can be autoclaved at 121°C
- Suitable for food contact applications in accordance with EU regulations

Product Code	Capacity (ml)	Grads. (ml)	Thread size (mm)	Neck size	Pack qty.
FDE542	50	10	GL40	34/35	1
FDE544	100	20	GL40	34/35	1
FDE546	250	50	GL52	45/40	1
FDE548	500	100	GL52	45/40	1
FDE550	1000	200	GL52	45/40	1

 When autoclaving flasks, always ensure the caps are completely loosened or removed to prevent accidental implosion.




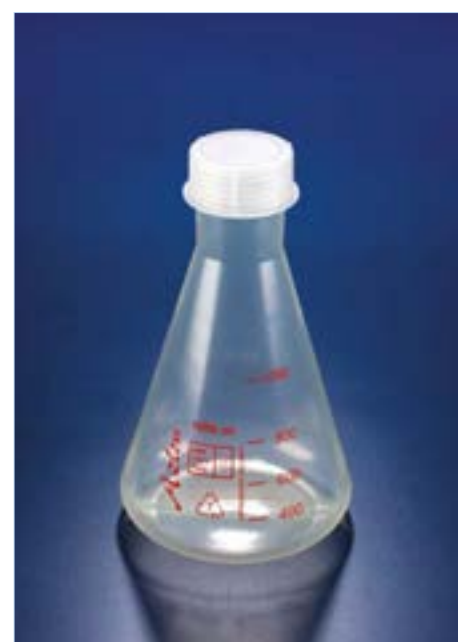
Flask, conical, PMP



- Manufactured from transparent PMP
- Wide neck with PP screw cap or can be used with a stopper
- Flask and cap can be autoclaved at 121°C

Product Code	Capacity (ml)	Grads. (ml)	Thread size (mm)	Neck size	Pack qty.
FDE442	50	10	GL40	34/35	1
FDE444	100	20	GL40	34/35	1
FDE446	250	50	GL52	45/40	1
FDE448	500	100	GL52	45/40	1
FDE450	1000	200	GL52	45/40	1

 When autoclaving flasks, always ensure the caps are completely loosened or removed to prevent accidental implosion.

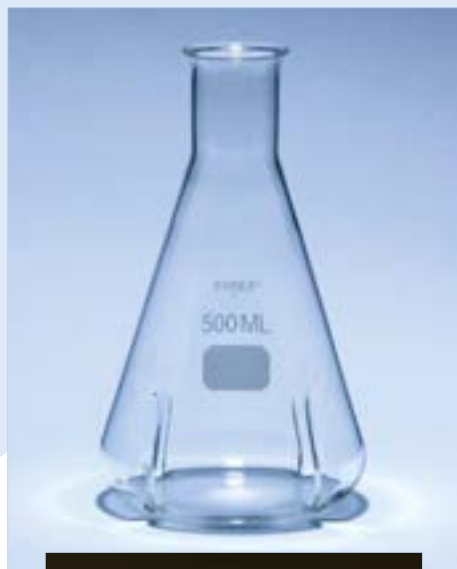


Flasks, culture, baffled

PYREX®

- Ideal for use in preparation of cultures
- Manufactured from Pyrex® borosilicate glass
- Exhibits 4 baffle indents to provide optimal and consistent agitation
- Suitable for repeated autoclave cycles at 121°C

Product Code	Capacity (ml)	Body O.D. (mm)	Height (mm)	Neck I.D. (mm)	Pack qty.
1134/08	250	82	138	32	5
1134/10	500	101	186	36	5
1134/12	1000	129	222	43	2
1134/14	2000	161	282	49	1



Flasks, culture, baffled, membrane screwcap

PYREX®

- Ideal for aerobic microbiology and cell culture
- Flasks complete with blue polypropylene GL45 screwcap with a gas-permeable PTFE membrane that permits gaseous exchange whilst contents remain sterile
- Flasks can be autoclaved with the membrane screwcap fastened
- Manufactured from Pyrex® borosilicate glass for maximum chemical and thermal resistance
- The four equidistant baffles provide consistent agitation when used with compatible orbital shakers
- Suitable for repeated autoclave cycles at 121°C

Product Code	Capacity (ml)	Body O.D. (mm)	Height (mm)	Thread size (mm)	Pack qty.
1142/08	250	82	130	45	5
1142/10	500	101	165	45	5
1142/12	1000	129	205	45	2
1142/14	2000	166	265	45	1

Spare membrane screwcaps 4507/45D, are available on page 52.



Always ensure that PTFE membrane is free from obstructions that may lead to pressure build up during an autoclave cycle.

New




Flasks, culture, baffled, Delong neck

PYREX®

- Ideal for aerobic microbiology and cell culture
- Manufactured from Pyrex® borosilicate glass for maximum chemical and thermal resistance
- The four equidistant baffles provide consistent agitation when used with compatible orbital shakers
- Suitable for repeated autoclave cycles at 121°C
- Flasks are supplied without closures and should be ordered separately
- Compatible with either 4550/38M blue Aluminium and 4540/38P clear polypropylene closures

Product Code	Capacity (ml)	Body O.D. (mm)	Height (mm)	Neck O.D. (mm)	Pack qty.
1141/08	250	82	155	38	5
1141/10	500	101	193	38	5
1141/12	1000	128	222	38	2
1141/14	2000	166	300	38	1

 See page 144 for compatible aluminium and polypropylene closures.




Flasks, culture, conical, Delong neck

PYREX®

- Ideal for use in preparation of cultures
- Compatible with shaker equipment
- Long, rimless tube neck for use with 4540/38P and 4550/38P closures
- Manufactured from Pyrex® borosilicate glass with white enamel markings
- Compatible with either Aluminium or polypropylene closures

Product Code	Capacity (ml)	Body O.D. (mm)	Height (mm)	Neck O.D. (mm)	Pack qty.
1135/14D	250	85	148	38	10
1135/20D	500	105	183	38	5
1135/26D	1000	131	229	38	2
1135/30D	2000	166	302	38	1

 See page 144 for compatible aluminium and polypropylene closures



Flasks, culture, Fernbach

PYREX®

- For use in preparation of cultures
- Large surface area to volume ratio
- Manufactured from Pyrex® borosilicate glass
- Exhibit 3 baffle indents to provide optimal and consistent agitation
- Available in two versions
 - Delong neck, with 38mm neck O.D. for use with 4540/38P and 4550/38M closures
 - Screwcap, supplied with Polypropylene GL45 screwcap
- Screwcap version is compatible with membrane screwcap, available separately

Product Code	Description	Capacity (ml)	Height (mm)	Body O.D. (mm)	Pack qty.
1138/10	Delong neck	2800	230	210	2
1139/10	Screwcap	2800	230	210	2

Culture flask closures

- For use with 1135 culture flasks, 1138/10 Fernbach flasks and 1141 baffled flasks
- Two types of closure
 - Anodised aluminium
 - 2-position polypropylene
- Both closures are suitable for autoclaving

Product Code	Description	Cap I.D. (mm)	Pack qty.
4550/38M	Aluminium	38	10
4540/38P	Polypropylene	38	10

Flasks, culture, cylindrical

PYREX®

- Manufactured from Pyrex® borosilicate glass for the highest resistance to thermal shock and chemical corrosion
- Ideal for fermentation and culture work
- White enamel marking spot
- Autoclavable

Product Code	Capacity (ml)	Body O.D. (mm)	Neck I.D. (mm)	Height (mm)	Pack qty.
1190/02M	60	45	25	70	10
1190/04M	125	60	30	97	10
1190/06M	250	69	34	130	10
S/3L5895	500	90	35	154	5



Flasks, distillation, ASTM

PYREX®

- Complies with ASTM E133 and E1405
- For the distillation of petroleum products
- 1290/04M complies with the requirements for ASTM test methods D86, D233, D447, D801, D802 and IP 123
- 1290/06M complies with the requirements for ASTM test method D447
- Side arm inclined at 75° to the vertical axis
- For use with thermometers calibrated for 76mm immersion
- Length of side-arm is 100mm

Product Code	Capacity (ml)	Bulb diam. (mm)	Neck I.D. (mm)	Sidearm O.D. (mm)	Height (mm)	Pack qty.
1290/04M	125	69	17	7	214	5
1290/06M	250	86	15	6	215	5



Flasks, distillation

PYREX®

- For general distillation work
- Side-arm is inclined at 75° to the vertical axis
- For use with thermometers calibrated for 76mm immersion
- Side-arm length is 140mm

Product Code	Capacity (ml)	Bulb diam. (mm)	Neck I.D. (mm)	Sidearm O.D. (mm)	Height (mm)	Pack qty.
1280/14M	500	105	24	10	240	5



Flasks, Büchner, plain side-arm

PYREX®

- Complies with ISO 6556
- Büchner type flasks for vacuum filtration
- Heavy walls provide increased mechanical strength
- 'Studded' base to minimise surface abrasion
- With integral glass side-arm to accept 9mm bore flexible tubing

Product Code	Nom. capacity (ml)	Body diam. (mm)	Neck I.D. (mm)	Height (mm)	Pack qty.
1170/02M	100	64	24	105	10
1170/04M	250	85	35	155	10
1170/06M	500	105	35	185	10
1170/08M	1000	135	45	230	5
1170/10D	2000	166	60	260	1
1170/12M	3000	187	68	335	5
1170/14D	5000	220	68	385	1



3000 and 5000ml flasks are supplementary to ISO range.



Flasks, Büchner, with screwthread connector

PYREX®

- Complies with ISO 6556 and DIN 12476
- Büchner flasks with heavy wall construction for vacuum filtration applications
- Side-arm features a PTFE screwthread connector for easy and safe fitting of 9mm bore vacuum tubing
- With tooled neck to accept a drilled rubber stopper

Product Code	Capacity (ml)	Body diam. (mm)	Neck I.D. (mm)	Height (mm)	Pack qty.
1170/02SC	100	64	24	105	10
1170/04SC	250	85	35	155	10
1170/06SC	500	105	35	185	10
1170/08SC	1000	135	45	230	5
1170/10SC	2000	166	60	260	1
1170/14SC	5000	220	68	385	1



5000ml size is supplementary to ISO range. For spare PTFE screwthread connectors, please see page 104.



Flasks, Büchner, plain side-arm and ground socket



- Complies with ISO 6556
- Büchner filter flasks with precision-ground Quickfit® socket
- With traditional plain glass side-arm to accept 9mm bore vacuum tubing
- Heavy-wall and base construction for vacuum work

Product Code	Nom. capacity (ml)	Socket size	Approx height (mm)	Approx diam. (mm)	Pack qty.
FB100/2	100	19/26	107	64	2
FB100/3	100	24/29	107	64	2
FB250/3	250	24/29	145	85	2
FB250/4	250	29/32	145	85	2
FB500/3	500	24/29	172	105	2
FB500/4	500	29/32	172	105	2
FB1L/3	1000	24/29	227	136	2
FB1L/4	1000	29/32	227	136	2

Flasks, Büchner, with screwthread connector and ground socket



- Complies with ISO 6556
- Büchner flasks with precision-ground Quickfit® socket
- Side-arm features a PTFE screwthread connector for the safe attachment of 9mm bore vacuum tubing
 - Unscrew connector from flask and fit tubing:
 - Rescrew connector and tubing to flask
- Heavy walls and bases for vacuum filtration work

Product Code	Nom. capacity (ml)	Socket size	Approx height (mm)	Approx diam. (mm)	Pack qty.
FB100/2SC	100	19/26	107	64	2
FB100/3SC	100	24/29	107	64	2
FB250/3SC	250	24/29	145	85	2
FB250/4SC	250	29/32	145	85	2
FB500/3SC	500	24/29	172	105	2
FB500/4SC	500	29/32	172	105	2
FB1L/3SC	1000	24/29	227	136	2
FB1L/4SC	1000	29/32	227	136	2




Flasks, Iodine



- Complies with BS 2735
- For the determination of iodine
- Flask has ground socket and cup shaped top
- Stopper has extended handle which projects well above the liquid seal
- Stopper available separately

Product Code	Nom. capacity (ml)	Joint size	Min. cup capacity (ml)	Pack qty.
FIB250/3	250	24/29	20	2
FIB250/4	250	29/32	20	2
FIB500/3	500	24/29	20	2
FIB500/4	500	29/32	20	2

 FIB/4 items are supplementary to BS 2735.



Flasks, Iodine stopper



Product Code	Joint size	Pack qty.
SIB24	24/29	2
SIB29	29/32	2



Flasks, Kjeldahl with plain neck

PYREX®

- Suitable for the determination of nitrogen etc.
- Manufactured from Pyrex® borosilicate glass
 - Withstands high temperatures
 - Resistant to chemical corrosion

Product Code	Capacity (ml)	Bulb diam. (mm)	Height (mm)	Neck O.D. (mm)	Neck I.D. (mm)	Pack qty.
1200/04M	100	58	240	22	17	10
1200/10D	300	81	300	28	24	10
1200/12D	500	101	325	34	30	10
1200/16M	800	115	350	34	30	10

i The Kjeldahl method subjects flasks to severe chemical and thermal abuse. See care and maintenance of laboratory glassware for advice on safety and usage.



Flasks, Kjeldahl with ground socket



- For the determination of nitrogen by the Kjeldahl method
- Extra long necks act as air condensers during digestion stage and reduce entrainment during distillation stage

Product Code	Nom. capacity (ml)	Approx overall height (mm)	Socket size	Pack qty.
FK300/3L	300	295	24/29	1
FK500/3L	500	305	24/29	1
FK800/3L	800	325	24/29	1

i A Quickfit® assembly for Kjeldahl digestions and distillations is described on page 208.

! The Kjeldahl method of nitrogen determination imposes severe demands on glassware.

Flasks, flat bottom, short neck




- Complies with ISO 1773 and ISO 4797
- With highest quality Quickfit® ground glass socket
- Borosilicate glass for highest resistance to thermal shock and chemical corrosion
- Flat base allows use with hotplates

Product Code	Nom. capacity (ml)	Socket size	Approx overall height (mm)	Approx neck length (mm)	Pack qty.
FF50/2S	50	19/26	85	10	5
FF50/3S	50	24/29	85	10	5
FF100/2S	100	19/26	95	10	5
FF100/3S	100	24/29	103	15	5
FF100/4S	100	29/32	103	15	5
FF100/5S	100	34/35	103	15	5
FF150/2S	150	19/26	105	10	5
FF150/3S	150	24/29	110	15	5
FF150/4S	150	29/32	110	10	5
FF150/5S	150	34/35	115	10	5
FF250/2S	250	19/26	130	10	5
FF250/3S	250	24/29	130	10	5
FF250/4S	250	29/32	130	10	5
FF250/5S	250	34/35	130	10	5
FF500/2S	500	19/26	135	15	5
FF500/3S	500	24/29	140	15	5
FF500/4S	500	29/32	145	15	5
FF500/5S	500	34/35	155	20	5
FF1L/3US	1000	24/29	170	25	2
FF1L/4S	1000	29/32	187	20	2
FF1L/5S	1000	34/35	175	20	2
FF2L/3S	2000	24/29	205	25	1
FF2L/4S	2000	29/32	230	25	1
FF2L/5S	2000	34/35	215	20	1
FF4L/7S	4000	45/40	260	20	1



 FF150/3S, FF150/4S, FF150/5S and FF500/2S are supplementary to ISO 4797.

 These flat bottom flasks are NOT suitable for use under vacuum.

Flasks, flat bottom, medium neck



- With longer neck than standard Quickfit® flasks
- Useful in reducing the problems associated with splashing and frothing

Product Code	Capacity (ml)	Socket size	Approx overall height (mm)	Approx neck length (mm)	Pack qty.
FF100/3M	100	24/29	130	45	2
FF150/3M	150	24/29	140	45	2
FF250/3M	250	24/29	150	45	2
FF500/3UM	500	24/29	170	45	2
FF1L/3M	1000	24/29	190	45	2



These flat bottom flasks are NOT suitable for use under vacuum.



Flasks, Florentine



- Ideal for use with rotary evaporators
- Large surface area for rapid evaporation
- Robust heavy wall construction for added strength
- Shape allows easy removal of solid residues

Product Code	Nom. capacity (ml)	Socket size	Approx overall height (mm)	Pack qty.
FD50/4RE	50	29/32	94	2
FD100/3	100	24/29	108	1
FD100/4RE	100	29/32	107	1
FD250/3	250	24/29	148	1
FD250/4RE	250	29/32	151	1
FD500/3	500	24/29	165	1
FD500/4RE	500	29/32	160	1
FD1L/3	1000	24/29	204	1
FD1L/4RE	1000	29/32	198	1
FD2L/4RE	2000	29/32	245	1



Most Rotary Evaporators accept flasks with size 29/32 ground glass sockets - check first.




Flasks, pear shaped, single neck



- With highest quality Quickfit® ground glass socket
- Ideal for semi-micro distillations
- Pear shaped design allows distillation down to small quantities:
 - Minimum hold-up
 - Reduced losses from thermal decomposition
- Borosilicate glass for chemical resistance and thermal performance

Product Code	Capacity (ml)	Socket size	Approx overall height (mm)	Approx diam. (mm)	Pack qty.
FP5/1	5	14/23	67	23	1
FP10/1	10	14/23	85	28	1
FP25/0	25	10/19	89	38	1
FP25/1	25	14/23	100	38	1
FP50/1	50	14/23	115	48	1
FP50/2	50	19/26	125	48	1
FP100/1	100	14/23	135	58	1
FP100/2	100	19/26	140	58	1
FP100/3	100	24/29	150	58	1




 For advice on the use of glassware under conditions of temperature and vacuum, please refer to the care and maintenance section.

Flask, pear shaped, two necks



- With one vertical centre neck and one angled side neck

Product Code	Capacity (ml)	Centre socket	Side socket size	Approx overall height (mm)	Pack qty.
FP50/1/1A	50	14/23	14/23	115	1

 The axis of the side neck meets the axis of the central neck at the bottom of the flask.





Flask, pear shaped, three necks



- With vertical centre neck
- One vertical side neck and one angled side neck

Product Code	Nom. capacity (ml)	Centre socket	Side socket size	Approx overall height (mm)	Pack qty.
FP25/0AP	25	10/19	10/19	112	1

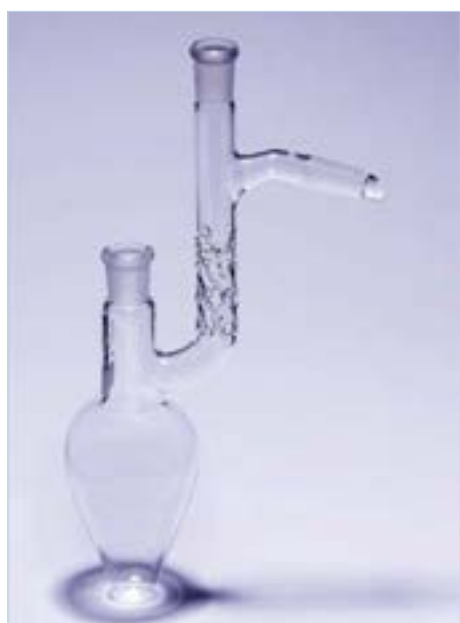


Flask, pear shaped, distillation



- Designed for micro and semi-micro distillations
- Vertical neck with Quickfit® socket for introducing a thermometer etc.
- Angled Quickfit® cone for connecting to condenser

Product Code	Capacity (ml)	Socket size	Cone size	Approx overall height (mm)	Pack qty.
MD2/50	50	14/23	14/23	147	1



Flask, pear shaped, Claisen-Vigreux



- Incorporates a short, Vigreux type fractionating column
- Column indents aid intimate contact between vapour and liquid

Product Code	Capacity (ml)	Socket size	Cone size	Pack qty.
MD4/50	50	14/23	14/23	1
MD4/100	100	14/23	14/23	1

Funnels, dropping, graduated, glass key, with cone PYREX®

- Complies with ISO 4800, Type 4
- With interchangeable glass key
- Double graduated scale showing volume of liquid contained/delivered
- Stem inside cone for easy fitting to Quickfit® assemblies
- Graduations in white enamel

Product Code	Capacity (ml)	Grads. (ml)	Lowest grad. mark (ml)	Stopcock bore (mm)	Cone and socket size	Stopcock	Pack qty.
443334	50	1	5	2.5	19/26	2392/22	1
443341	100	2	10	2.5	19/26	2392/22	1
443348	250	5	25	2.5	29/32	SSD103K	1
443355	500	10	50	4.0	29/32	2392/24	1
443361	1000	20	100	4.0	29/32	2392/24	1



Funnels, dropping, glass key, stem with cone



- Complies with ISO 4800, Type 3
- Funnel stem with ground-glass cone for easy incorporation into Quickfit® flasks and assemblies
- Stopcock has interchangeable glass key

Product Code	Nom. capacity (ml)	Stopcock bore (mm)	Cone size	Socket size	Stopcock	Pack qty.
D1/11	50	2.0	14/23	14/23	SSD102K	1
D1/21	100	2.5	14/23	14/23	2392/22	1
D1/22	100	2.5	19/26	19/26	2392/22	1
D1/32	250	2.5	19/26	24/29	SSD103K	1
D1/42	500	4.0	19/26	24/29	2392/24	1
D1/62	1000	4.0	19/26	29/32	2392/24	1



 Stoppers for use with Quickfit® dropping funnels are detailed on page 256.

Funnels



Funnels, pressure equalising, pear shape, Rotaflo® stopcock



- Complies with ISO 4800, Type 2
- For use when liquids have to be introduced into vessels under vacuum
- Can also be used with Soxhlets as solvent traps to facilitate recovery at the end of an extraction
- With GP Rotaflo® stopcocks having chemically resistant PTFE keys

Product Code	Nom. capacity (ml)	Stopcock bore (mm)	Cone size	Socket size	Stopcock	Pack qty.
DE100/22	100	3.0	19/26	19/26	GP3K	1
DE100/32	100	3.0	19/26	24/29	GP3K	1
DE250/32	250	3.0	19/26	24/29	GP3K	1
DE250/33	250	3.0	24/29	24/29	GP3K	1
DE250/44	250	3.0	29/32	29/32	GP3K	1
DE250/55	250	3.0	34/35	34/35	GP3K	1



Funnels, pressure equalising, cylindrical, graduated, PYREX® PTFE key

- Complies with ISO 4800, Type 4
- With interchangeable PTFE key for grease free performance
- Double graduated scale showing volume of liquid contained/delivered
- For use when liquids have to be added to systems under vacuum
- Stem inside cone for easy fitting to Quickfit® assemblies
- Graduations in white enamel
- Supplied with hollow glass stopper

Product Code	Capacity (ml)	Grads. (ml)	Lowest grad. mark (ml)	Stopcock bore (mm)	Cone and socket size	Stopcock	Pack qty.
443533	50	1	5	1.5	19/26	SST102K	1
443540	100	2	10	1.5	19/26	SST1025K	1
443547	250	5	25	2.5	29/32	SST103K	1
443554	500	10	50	4.0	29/32	SST105K	1
443560	1000	20	100	4.0	29/32	SST105K	1

Funnels, pressure equalising, cylindrical, graduated, PYREX® glass key

- Complies with ISO 4800, Type 4
- With interchangeable glass key
- Double graduated scale showing volume of liquid contained/delivered
- For use when liquids have to be added to systems under vacuum
- Stem inside cone for easy fitting to Quickfit® assemblies
- Graduations in white enamel
- Supplied with hollow glass stopper

Product Code	Capacity (ml)	Grads. (ml)	Lowest grad. mark (ml)	Stopcock bore (mm)	Cone and socket size	Stopcock	Pack qty.
443534	50	1	5	1.5	19/26	SSD102K	1
443541	100	2	10	1.5	19/26	2392/22	1
443548	250	5	25	2.5	29/32	SSD103K	1
443555	500	10	50	4.0	29/32	2392/24	1
443561	1000	20	100	4.0	29/32	2392/24	1



Funnels, separating, pear-shape, PTFE key

- Complies with ISO 4800, Type 2
- Borosilicate glass construction
- With PTFE key for non-stick grease-free performance
- Supplied with polyethylene stopper

MBL®

Product Code	Nom. capacity (ml)	Stopcock bore (mm)	Stopper size	Stopcock	Pack qty.
FST211	50	1.5	19/26	SST102K	1
FST221	100	1.5	19/26	SST102K	1
FST231	250	2.5	24/29	SST103K	1
FST242	500	4.0	24/29	SST105K	1
FST252	1000	4.0	29/32	SST105K	1
FST274	2000	6.0	29/32	SST106K	1
FST276	5000	6.0	34/35	SST106K	1



 FST276 is supplemental to the ISO 4800

Funnels




Funnels, separating, conical, PTFE key

MBL®

- Complies with ISO 4800, Type 1
- Manufactured from borosilicate glass
- With PTFE key for grease-free and corrosion-resistant performance
- Supplied with polyethylene stopper

Product Code	Nom. capacity (ml)	Stopcock bore (mm)	Stopper size	Stopcock	Pack qty.
FST311	50	1.5	19/26	SST102K	1
FST321	100	1.5	19/26	SST102K	1
FST331	250	2.5	24/29	SST103K	1
FST342	500	4.0	24/29	SST104K	1
FST352	1000	4.0	29/32	SST104K	1
FST374	2000	6.0	29/32	SST106K	1

 Spare polyethylene stoppers are available on page 258.



Funnels, separating, Gilson, PTFE key

PYREX®

- Gilson style separating funnel with long delivery stem for good control of the liquid/liquid interface
- With interchangeable PTFE key for grease free performance
- Supplied with hollow glass stopper

Product Code	Nom. capacity (ml)	Stopcock bore (mm)	Stopper size	Stopcock	Pack qty.
443038N	60	1.5	14/23	SST102K	1
443042N	125	1.5	19/26	SST102K	1
443047N	250	2.5	24/29	SST103K	1
443054N	500	4.0	24/29	SST105K	1
443060N	1000	4.0	29/32	SST105K	1
443065N	2000	4.0	29/32	SST105K	1
443073N	4000	6.0	34/35	SST106K	1

 For spare glass stoppers, please see page 256.

Funnels, separating, pear-shape, Rotaflo® stopcock



- Complies with ISO 4800, Type 2
- Manufactured from borosilicate glass
- With GP Rotaflo® PTFE stopcock:
 - No lubrication required
 - No contaminating greases
 - No seizure

Product Code	Nom. capacity (ml)	Stopcock bore (mm)	Socket size	Stopcock	Pack qty.
D52/50	50	3.0	19/26	GP3K	1
D52/100	100	3.0	19/26	GP3K	1
D52/250	250	3.0	24/29	GP3K	1
D53/500	500	6.0	24/29	GP6K	1
D24/1L	1000	6.0	29/32	GP6K	1



Funnels, separating, pear-shape, Rotaflo® stopcock, stem with cone



- Complies with ISO 4800, Type 2
- Funnel stem with ground-glass cone to facilitate connection to apparatus having Quickfit® sockets
- With GP Rotaflo® stopcock having chemically resistant PTFE key

Product Code	Nom. capacity (ml)	Stopcock bore (mm)	Cone size	Socket size	Stopcock	Pack qty.
D2/11GP	50	3.0	14/23	14/23	GP3K	1
D2/21GP	100	3.0	14/23	14/23	GP3K	1
D2/22GP	100	3.0	19/26	19/26	GP3K	1
D2/31GP	250	3.0	14/23	24/29	GP3K	1
D2/32GP	250	3.0	19/26	24/29	GP3K	1
D2/42GP	500	6.0	19/26	24/29	GP6K	1
D2/43GP	500	6.0	24/29	24/29	GP6K	1
D2/62GP	1000	6.0	19/26	29/32	GP6K	1



Spare Rotaflo® keys are available on page 250.

Funnels



Funnels, separating, conical, Rotaflo® stopcock



- Complies with ISO 4800, Type 1
- Manufactured from borosilicate glass
- With GP Rotaflo® PTFE stopcock:
 - No lubrication required
 - No contaminating greases
 - No seizure

Product Code	Nom. capacity (ml)	Stopcock bore (mm)	Socket size	Stopcock	Pack qty.
D91/100	100	3.0	14/23	GP3K	1
D92/100	100	3.0	19/26	GP3K	1
D93/250	250	3.0	24/29	GP3K	1
D93/500	250	6.0	24/29	GP6K	1




Funnels, separating, pear-shape, glass key

PYREX®

- Complies with ISO 4800, Type 2
- Manufactured from Pyrex® glass for corrosion-free performance
- With interchangeable glass key
- Supplied with glass stopper

Product Code	Nom. capacity (ml)	Stopcock bore (mm)	Stopper size	Stopcock	Pack qty.
2180/02M	50	2.0	19/26	SSD102K	1
2180/04M	100	2.0	19/26	SSD102K	1
2180/06M	250	2.5	24/29	SSD103K	1
2180/08M	500	4.0	24/29	2392/24	1
2180/10M	1000	4.0	29/32	2392/24	1
2180/12M	2000	6.0	29/32	SSD106K	1
2180/14M	5000	6.0	34/35	SSD106K	1

 5L size supplementary to ISO range.


Funnels, separating, pear-shape, glass key, stem with cone



- Complies with ISO 4800, Type 2
- Funnel stem with cone to allow easy connection to Quickfit® flasks etc.
- Stopcock features interchangeable glass key

Product Code	Nom. capacity (ml)	Stopcock bore (mm)	Cone size	Socket size	Stopcock	Pack qty.
D2/01	25	2.0	14/23	14/23	SSD102K	1
D2/11	50	2.0	14/23	14/23	SSD102K	1
D2/12	50	2.0	19/26	19/26	SSD102K	1
D2/21	100	2.0	14/23	14/23	SSD102K	1
D2/22	100	2.0	19/26	19/26	SSD102K	1
D2/31	250	2.5	14/23	24/29	SSD103K	1
D2/32	250	2.5	19/26	24/29	SSD103K	1
D2/42	500	4.0	19/26	24/29	2392/24	1
D2/43	500	4.0	24/29	24/29	2392/24	1
D2/62	1000	4.0	19/26	29/32	2392/24	1



 For hollow glass stoppers, please refer to page 256. 25ml size supplementary to ISO range.

Funnels, separating, conical, glass key

PYREX®

- Complies to ISO 4800, Type 1
- Manufactured from chemically resistant Pyrex® borosilicate glass
- With interchangeable ground glass key
- Supplied with glass stopper

Product Code	Nom. capacity (ml)	Stopcock bore (mm)	Stopper size	Stopcock	Pack qty.
2190/01M	50	2.0	14/23	SSD102K	1
2190/02M	100	2.0	19/26	SSD102K	1
2190/04M	250	2.5	24/29	SSD103K	1
2190/06M	500	4.0	24/29	2392/24	1
2190/08M	1000	4.0	29/32	2392/24	1
2190/10M	2000	6.0	29/32	SSD106K	1



Funnels, gas wash bottles

New



Funnels, separating, Gilson, glass key

PYREX®

- Gilson style separating funnel with long delivery stem for good control of the liquid/liquid interface
- With interchangeable glass key for grease free performance
- Supplied with hollow glass stopper

Product Code	Capacity (ml)	Stopcock bore (mm)	Stopper size	Stopcock	Pack qty.
443039N	60	2.0	14/23	SSD102K	1
443043N	125	2.0	19/26	SSD102K	1
443048N	250	2.5	24/29	SSD103K	1
443055N	500	4.0	24/29	2392/24	1
443061N	1000	4.0	29/32	2392/24	1
443066N	2000	4.0	29/32	2392/24	1
443074N	4000	4.0	34/35	2392/24	1



For spare glass stoppers, please see page 258.



Dreschel bottle heads, screwthread connections



- Complies with BS 2461
- Drechsel type
- With detachable plastic connectors for easy fitting of 9mm bore flexible tubing

Product Code	Cone size	Approx. stem length (mm)	To fit bottle	Pack qty.
MF28/3/125/SC	24/29	130	MF29/3/125	1
MF28/3/250/SC	24/29	175	MF29/3/250	1
MF28/3/500/SC	24/29	215	MF29/3/500	1



Head and bottle should be ordered separately.



Dreschel bottle head, adjustable



- With screwthread joint which allows height adjustment of the dip tube and hence permits use with either 125ml or 250ml Dreschel bottles
- To fit MF29: series wash bottles

Product Code	Cone size	Thread size (mm)	Sidearm O.D. (mm)	Pack qty.
MF27/3/13	24/29	13	7	1




Head and bottle should be ordered separately.

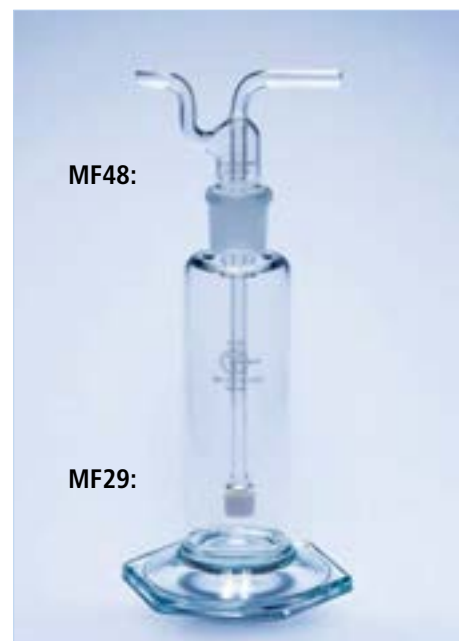
Dreschel bottle heads, sintered



- Complies with BS 2461
- Sintered dip tube disperses gas into bubbles for greater efficiency
- Choice of sinter porosities to achieve fine bubble size

Product Code	Porosity grade	Stem length (mm)	Sidearm O.D. (mm)	Cone size	To fit bottle	Pack qty.
MF48/03/125	0	132	8	24/29	MF29/3/125	1
MF48/03/250	0	165	8	24/29	MF29/3/250	1
MF48/03/500	0	217	8	24/29	MF29/3/500	1
MF48/13/125	1	132	8	24/29	MF29/3/125	1
MF48/13/250	1	165	8	24/29	MF29/3/250	1
MF48/13/500	1	217	8	24/29	MF29/3/500	1
MF48/23/250	2	165	8	24/29	MF29/3/250	1
MF48/23/500	2	217	8	24/29	MF29/3/500	1
MF48/33/250	3	165	8	24/29	MF29/3/250	1

 Heads and bottles should be ordered separately. Finer porosity sinters, e.g. 2 and 3, provide smaller gas bubbles - though a greater pressure may be required.



Dreschel bottles



- For use with Quickfit® bottle heads
- Borosilicate glass for corrosion-free performance
- Robust construction

Product Code	Capacity (ml)	Socket size	Diameter across flat base (mm)	Overall height (mm)	Pack qty.
MF29/3/125	125	24/29	102	163	1
MF29/3/250	250	24/29	102	200	1
MF29/3/500	500	24/29	125	252	1



Ice buckets



Ice bucket with lid, polyurethane



- Black, green and blue skinned polyurethane foam ice buckets
- Suitable for use with water-ice, dry-ice and salt solutions
- Ideal for separating work areas by colour
- Supplied with lids
- Integral handles allow easy lifting and carrying
- Octagonal shape for easy stacking and stability
- Capacity 4.5 litres
- Dimensions 185 x 330mm (h x w) and weight 1200g

Product Code	Colour	Pack qty.
IBB001P	Black	1
IBB002P	Pale Blue	1
IBB003P	Green	1



Not suitable for use with solvents or liquid nitrogen.



Mini ice bucket



- Skinned polyurethane foam mini ice buckets
- Suitable for use with water-ice, dry-ice and salt solutions
- Integral handles allow easy lifting and carrying
- Tapered for easy stacking and stability
- Capacity 1000ml
- Dimensions 95mm x 200mm (h x w) and weight 140g

Product Code	Colour	Pack qty.
IBB004P	Green	1




Not suitable for use with solvents or liquid nitrogen.

Imhoff sedimentation cone

MBL®

- Complies to DIN 12672
- For determining the amount of sediment in sewage or industrial waste
- Graduated up to a capacity mark at 1000ml
- Manufactured from borosilicate glass

Product Code	Capacity (ml)	Pack qty.
CRF530	1000	1

 Can be used with stands as detailed below.



Imhoff sedimentation cone, SAN



- Colourless cone made from transparent styrene-acrylonitrile S.A.N polymer with moulded graduations
- Complies to DIN 12672
- Graduations from 2 to 1000ml (in mixed graduations)
- The bottom end has a stopper to facilitate removal of sample and cleaning

Product Code	Capacity (ml)	Pack qty.
SWX008	1000	1

Sedimentation rack, PMMA

- Accepts 2 sedimentation cones side-by-side
- Locating recesses in the base for stability

Product Code	Description	Pack qty.
SWX004	Double stand	1



Jerrycans, joints



Jerrycans, rigid HDPE



- Lightweight and robust
- Corrosion resistant
- Ideal for storage and transportation of liquid chemicals
- Suitable for food contact applications in accordance with EU and USA regulations

Product Code	Capacity (litres)	Pack qty.
JGH140	1	1
JGH148	5	1
JGH150	10	1
JGH154	25	1



Joints, cones, unbadged



- Unbadged ground glass cones free from any ceramic markings
- Avoids the problem of the badge charring at high temperatures which can give an untidy appearance
- Manufactured to an accuracy which surpasses the requirements of ISO 383
- Pyrex® borosilicate glass for resistance to chemical corrosion and thermal shock
- Cones manufactured with a shank length of 100mm

Product Code	Cone size	O.D. of shank (mm)	Bore (mm)	Wall thickness (mm)	Pack qty.
CNB7UB	7/16	6.0	2.5	1.50	10
CNB10UB	10/19	9.0	5.0	1.00	10
CNB12UB	12/21	11.4	6.5	1.50	10
CNB14UB	14/23	14.0	8.5	1.50	10
CNB19UB	19/26	18.0	12.0	1.80	10
CNB24UB	24/29	23.0	16.5	1.80	10
CNB29UB	29/32	28.0	21.0	2.00	10
CNB34UB	34/35	33.5	26.0	2.00	10
CNB40UB	40/38	38.8	31.0	2.00	5
CNB45UB	45/40	43.0	35.2	2.30	5
CNB50UB	50/42	49.0	41.8	2.30	5
CNB55UB	55/44	53.0	45.4	2.50	5
CNB60UB	60/46	57.0	47.2	3.50	5

 CNB55UB is supplementary to the ISO range.

Joins, cones, drip end, unbadged



- Single Quickfit® cones with angled drip end
- Ideal for Glassblowers fabricating apparatus where liquid needs to be directed away from the joint
 - condensers, fractionating columns, still heads, etc.
- Manufactured to an accuracy which surpasses the requirements of ISO 383
- Drip end cones manufactured with a shank length of 90mm

Product Code	Cone size	O.D. of shank (mm)	Bore (mm)	Wall thickness (mm)	Pack qty.
CAB10	10/19	8.0	5.0	1.00	10
CAB14	14/23	13.0	6.0	1.50	10
CAB19	19/26	18.0	9.0	1.80	10
CAB24	24/29	22.5	13.0	2.00	10
CAB29	29/32	28.0	18.0	2.00	10
CAB34	34/35	32.0	21.0	2.00	10



Joins, cones, long tip, unbadged



- Single Quickfit® cones with long tip allowing cone to be joined to glass tubing
- Useful for construction of stirrer guides etc.
- Unbadged and free from ceramic markings - avoids the problem of the badge charring at high temperatures which can give an untidy appearance
- Long tip cones manufactured with a minimum shank length of 90mm

Product Code	Cone size	O.D. of shank (mm)	Bore (mm)	Wall thickness (mm)	Pack qty.
CBB7UB	7/16	6.0	2.0	1.50	10
CBB10UB	10/19	8.0	3.0	1.00	10
CBB14UB	14/23	13.0	6.0	1.50	10
CBB19UB	19/26	18.0	8.0	1.80	10
CBB24UB	24/29	22.5	14.0	2.00	10
CBB29UB	29/32	28.0	19.0	2.00	10
CBB34UB	34/35	32.0	22.0	2.00	10
CBB40UB	40/38	38.0	27.0	2.00	10
CBB45UB	45/40	42.0	31.0	2.30	10
CBB55UB	55/44	52.0	40.0	2.50	10





Joints, cone with stem



- Single Quickfit® cone with stem and reduced shank
- Useful for construction of gas-inlet tubes etc.
- Stem length 150mm

Product Code	Cone size	Min. shank length (mm)	O.D. of shank (mm)	Bore (mm)	Min. wall thickness (mm)	Pack qty.
MF15/1	14/23	45	7.4	4.4	0.9	1
MF15/2	19/26	60	10.4	6.2	1.3	1
MF15/3	24/29	70	10.4	6.0	1.3	1



Joints, sockets, unbadged



- Unbadged ground glass sockets
 - Free from any ceramic markings
 - Avoids the problem of the badge charring at high temperatures which can give an untidy appearance
- High quality joints manufactured to an accuracy which surpasses the requirements of ISO 383
- Accurate taper and fine surface finish reduce possibility of joint 'seizure' or leakage
- With round profile bead on top of socket for extra mechanical strength
- Sockets manufactured with a minimum shank length of 100mm

Product Code	Socket size	O.D. of shank (mm)	Bore (mm)	Wall thickness (mm)	Pack qty.
SRB7UB	7/16	11.4	5.5	1.50	10
SRB10UB	10/19	14.0	8.0	1.50	10
SRB12UB	12/21	16.4	10.0	1.80	10
SRB14UB	14/23	18.4	12.0	1.80	10
SRB19UB	19/26	23.0	16.0	2.00	10
SRB24UB	24/29	28.5	21.0	2.00	10
SRB29UB	29/32	33.5	26.0	2.00	10
SRB34UB	34/35	41.0	31.0	2.00	10
SRB40UB	40/38	46.0	36.0	2.30	5
SRB45UB	45/40	53.0	41.0	2.50	5
SRB50UB	50/42	57.0	45.5	2.50	5
SRB55UB	55/44	66.5	50.0	3.20	5
SRB60UB	60/46	71.5	55.0	3.20	1

Joins, sleeves, PTFE, tapered



- For grease free and high vacuum seals using Quickfit® ground glass joints
- Strong construction with knurled shoulder for ease of handling and repeated use
- Self-lubricating and non contaminating
- Suitable for food contact applications in accordance with USA regulations
- Manufactured from USP Class VI grade PTFE
- Working temperature range -100°C to +260°C
- Working vacuum $\leq 10^{-3}$ atmospheres
- Highly resistant to chemical attack
- Forms a liquid and gas tight seal



Product Code	Joint size	Pack qty.
SWN802	10/19	1
SWN804	14/23	1
SWN806	19/26	1
SWN808	24/29	1
SWN810	29/32	1
SWN812	34/35	1

Joins, sleeves, PTFE




- Truncated cone of pure PTFE
- Allows easy separation of joints
- Excellent resistance to chemical attack
- Working temperature range of -100°C to +250°C
- Forms a gas tight seal
- No contamination from joint grease
- Suitable for food contact applications in accordance with USA regulations
- Manufactured from USP Class VI grade PTFE
- Intended for single or occasional use
- Suitable for low vacuum work



Product Code	Joint size	Pack qty.
SWN961	14/23	10
SWN962	19/26	10
SWN963	24/29	10
SWN964	29/32	10
SWN965	34/35	10
SWN966	40/38	10
SWN968	50/42	10
SWN969	55/44	10



 Joint clips are intended to complement traditional clamping methods. Whilst they can considerably reduce the need for clamping, they should not be solely relied on to support heavy or large apparatus.


Joint clips (PTFE), conical joints



- For retaining glassware having Quickfit® conical joints
- Manufactured from PTFE with encapsulated steel spring to provide a firm grip
- Highly resistant to chemical attack
- Can be used at temperatures up to 250°C
- Clips are numbered with joint size for easy identification

Product Code	Joint size	Pack qty.
GC10	10/19	5
GC12	12/21	5
GC14	14/23	5
GC19	19/26	5
GC24	24/29	5
GC29	29/32	5
GC34	34/35	5
GC40	40/38	5
GC45	45/40	5




 Whilst joint clips can considerably reduce the need for traditional clamping, they should not be solely relied on to support heavy or large apparatus.

Joint clips (Polyacetal), conical joints



- For retaining glassware having Quickfit® conical joints
- Manufactured from polyacetal
- Can considerably reduce the need for clamping
- Easy to fit and remove
- Can be used at temperatures up to 80°C
- Clips are colour coded for easy identification

Product Code	Joint size	Colour code	Pack qty.
KC10	10/19	Mint	10
KC12	12/21	Violet	10
KC14	14/23	Yellow	10
KC19	19/26	Blue	10
KC24	24/29	Green	10
KC29	29/32	Red	10
KC34	34/35	Orange	10
KC40	40/38	Ochre	10
KC45	45/40	Brown	10

 These clips should not be exposed to halogen gases or acids which can rapidly attack polyacetal. For such applications, the use of Quickfit® PTFE joint clips should be considered.

Joins, flat flange



- Highest quality flat flange joins
- Precision ground for leak-free performance
- Choice of sizes up to 100mm bore

Product Code	Nom. bore (mm)	Min. shank length (mm)	O.D. of shank (mm)	Outside diam. flange (mm)	Min. wall thickness (mm)	Pack qty.
FG25	25	110	30.8	55	1.8	2
FG50	50	110	57.0	85	2.2	2
FG75	75	110	86.8	120	4.4	2
FG100	100	110	116.0	150	4.0	1

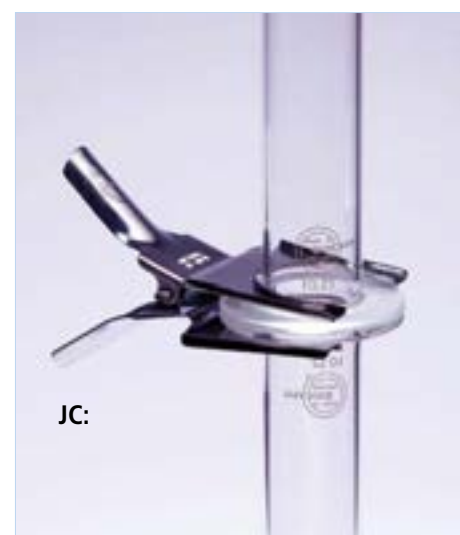


Joint clips (metal)



- For retaining glassware having Quickfit® flat flange joins
- Metal construction available in 2 versions:
 - JC: clips with 'fork' type design and corrosion-resistant nickel finish. Each clip is spring loaded to ensure a positive pressure is applied to both surfaces of the joint. Suitable for joint size, FG25
 - JC:F clips with 'spring wire' design in stainless steel. Suitable for joint sizes FG50, FG75 and FG100

Product Code	To fit joint size	Pack qty.
JC29	FG10	5
JC41	FG25	2
JC51	FG35	2
JC50F	FG50	1
JC75F	FG75	1
JC100F	FG100	1



Joints



PTFE Seals



- For use with Quickfit® flat flange jointed glassware
- Manufactured from PTFE for excellent chemical resistance
- Forms tight seal with flat flange joints

Product Code	Flange bore (mm)	Thickness (mm)	Pack qty.
PS75	75	0.5	1
PS100	100	0.5	1



Joints, spherical, male, ball joint, unbadged



- For the Glassblower who demands the highest quality joint
- Manufactured to an accuracy which surpasses the requirements of ISO 641
- Intended for use with female spherical cup joints FS:
- Spherical joints are manufactured with an approximate shank length of 100mm

Product Code	Joint size	O.D. of shank (mm)	Wall thickness (mm)	Pack qty.
MS13UB	S13	8.0	1.5	10
MS19UB	S19	12.0	1.5	10
MS29UB	S29	19.0	2.5	10
MS35UB	S35	24.0	2.5	1
MS41UB	S41	28.0	2.8	1



Joints, spherical, female, cup joint, unbadged



- Female cup joints precision manufactured to the highest standards
- For use with male ball joints MS:
- Spherical joints are manufactured with an approximate shank length of 100mm

Product Code	Joint size	O.D. of shank (mm)	Wall thickness (mm)	Pack qty.
FS13UB	S13	8.0	1.5	10
FS19UB	S19	12.0	1.5	10
FS29UB	S29	19.0	2.5	10
FS35UB	S35	24.0	2.5	1
FS41UB	S41	28.0	2.8	1

Joint clips (metal), spherical joints



- For retaining glassware having Quickfit® spherical joints
- Metal construction with corrosion-resistant nickel finish
- Suitable for high temperature work
- Spring loaded to ensure a positive pressure is applied to both surfaces of the joint

Product Code	To fit spherical joint size	Pack qty.
JC13	S13	5
JC19	S19	5
JC29	S29	5
JC35	S35	2
JC41	S41	2
JC51	S51	2




Joint clips (Polyacetal), spherical joints




- For retaining glassware having Quickfit® spherical joints
- Manufactured from polyacetal
- Can considerably reduce the need for clamping
- Easy to fit and remove
- Can be used at temperatures up to 80°C
- Clips are colour coded for easy identification

Product Code	To fit joint size	Colour code	Pack qty.
KS13	S13	Violet	5
KS19	S19	Dark Blue	5
KS29	S29	Dark Red	5
KS35	S35	Light Orange	5



 Whilst joint clips can considerably reduce the need for traditional clamping, they should not be solely relied on to support heavy or large apparatus.

 These clips should not be exposed to halogen gases and acids which can rapidly attack polyacetal. For such applications, the use of Quickfit® PTFE joint clips should be considered.

Joints, spherical, male/female glass joints

- Offers a 'grease-free' spherical joint
- All glass and PTFE pathway is highly resistant to chemical attack
- Can be used at temperatures up to 200°C
- System comprises male ball joint with PTFE covered 'O' ring which fits into a female cup joint
- Joint can be retained together with spring loaded metal clip

Component parts RM, RF: RO and RC should be ordered separately

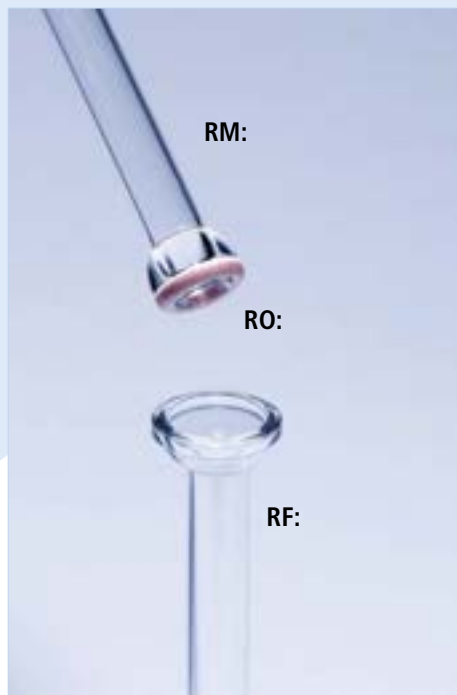
Product Code	Joint size	O.D. of shank (mm)	Approx bore (mm)	Wall thickness (mm)	Pack qty.
RM13	13	8	5	1.5	5
RM19	19	12	9	1.5	5
RM29	29	18	15	1.8	5
RM35	35	24	20	1.8	5
RM41	41	28	25	2.8	5
RM64	64	45	40	2.3	5
RF13	13	8	5	1.5	5
RF19	19	12	9	1.5	5
RF29	29	18	15	1.8	5
RF35	35	24	20	1.8	5
RF41	41	28	25	2.8	5
RF64	64	45	40	2.3	5

Joints, spherical, PTFE 'O' ring

Product Code	Description	Pack qty.
RO13	'O' ring to fit RM:RF13	1
RO19	'O' ring to fit RM:RF19	1
RO29	'O' ring to fit RM:RF29	1
RO35	'O' ring to fit RM:RF35	1
RO41	'O' ring to fit RM:RF41	1
RO64	'O' ring to fit RM:RF64	1

Joints, spherical, Viton, 'O' ring

Product Code	Description	Pack qty.
690-12	'O' ring to fit RM:RF13	10
690-13	'O' ring to fit RM:RF19	10
690-14	'O' ring to fit RM:RF29	10
690-15	'O' ring to fit RM:RF35	10
690-16	'O' ring to fit RM:RF41	10



Minimum shank length of joint is 150mm. Component parts RM:, RF:, RO:, RC: and 690: should be ordered separately. For joint clips see page 205.

Joins, spherical, metal clip

ROTULEX®

- Spring loaded metal clips for Rotulex® spherical joints

Product Code	Description	Pack qty.
RC13	Metal clip to fit RM:RF13	1
RC19	Metal clip to fit RM:RF19	1
RC29	Metal clip to fit RM:RF29	1
RC35	Metal clip to fit RM:RF35	1
RC41	Metal clip to fit RM:RF41	1
RC64	Metal clip to fit RM:RF64	1




Joins, screwthread, unbadged



- For use by Glassblowers in the construction of laboratory glassware
- Borosilicate glass for highest resistance to thermal shock and chemical corrosion
- Designed for use with the range of plastic screwcaps silicone rubber rings and PTFE washers

Product Code	Thread size (mm)	Min. shank length (mm)	Outside diam. shank (mm)	Bore (mm)	Pack qty.
SQ13UB	13	135	11.1	7.5	10
SQ18UB	18	145	15.4	10.5	10
SQ24UB	24	125	22.5	15.5	10
SQ28UB	28	90	24.5	19.7	10



 *Unbadged screwthread joints are free from any ceramic inscriptions thus avoiding the aesthetic problem of 'charring' when the badge is subjected to direct heat. SQ13UB screwthread is compatible with 4510/02 and 4510/04 screwthread connectors featured on page 104.*

Joints, screwthread fittings, caps, rings & washers



- For use with Quickfit® glass screwthreads
- Melamine screwcaps with aperture at the top
- Silicone rubber rings with PTFE washers
- To determine what components are required:
 - i) Check the size of the glass screwthread (size designation refers to O.D. of thread in mm)
 - ii) Check the O.D. of the sampling tube, thermometer, probe etc that is to be passed through the screwcap
 - iii) Consult the table below remembering to order relevant cap, washer and ring separately

Plastic caps

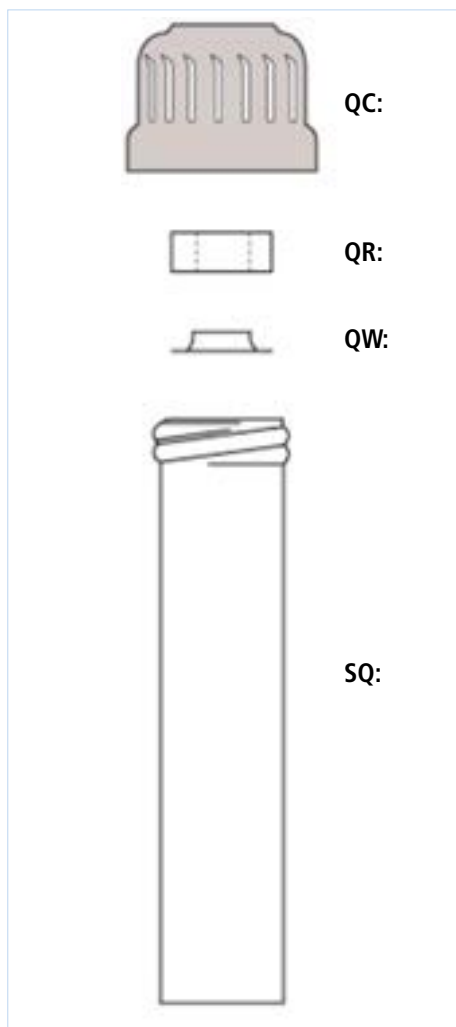
Product Code	Thread size (mm)	Acceptable dia. through screwcap (mm)	Pack qty.
QC13/7	13	6.0 - 7.0	10
QC18/11	18	7.0 - 8.5	10
QC24/12	24	6.0 - 7.0	10
QC28/9	28	6.0 - 7.0	10
QC28/13	28	10.5 - 11.5	10
QC28/21	28	18.0 - 19.0	10

Rubber rings

Product Code	Thread size (mm)	Acceptable dia. through screwcap (mm)	Pack qty.
QR13/6	13	6.0-7.0	10
QR18/10	18	6.0-7.0	10
QR18/7	18	7.0-8.5	10
QR24/6	24	6.0-7.0	10
QR24/9	24	8.5-9.5	10
QR24/11	24	10.5-11.5	10
QR28/6	28	6.0-7.0	10
QR28/11	28	10.5-11.5	10
QR28/18	28	18.0-19.0	10

PTFE washers

Product Code	Thread size (mm)	Acceptable dia. through screwcap (mm)	Pack qty.
QW13/6	13	6.0-7.0	10
QW18/7	18	7.0-8.5	10
QW24/6	24	6.0-7.0	10
QW24/9	24	8.5-9.5	10
QW24/11	24	10.5-11.5	10
QW28/6	28	6.0-7.0	10
QW28/11	28	10.5-11.5	10
QW28/18	28	18.0-19.0	10



Jugs, printed graduations, polypropylene

- Tapered jugs in high clarity polypropylene
- Suitable for food contact applications in accordance with EU and USA regulations
- Crisp blue printed graduations
- Autoclavable at 121°C
- Ergonomically designed handle

Product Code	Capacity (ml)	Sub div. (ml)	Rim diam. (mm)	Height (mm)	Pack qty.
JPB0050P	50	2	45	68	5
JPB0100P	100	2	61	72	5
JPB0250P	250	5	70	120	1
JPB0500P	500	10	90	140	1
JPB1000P	1000	10	104	180	1
JPB2000P	2000	50	150	214	1
JPB3000P	3000	50	152	240	1
JPB5000P	5000	100	200	270	1



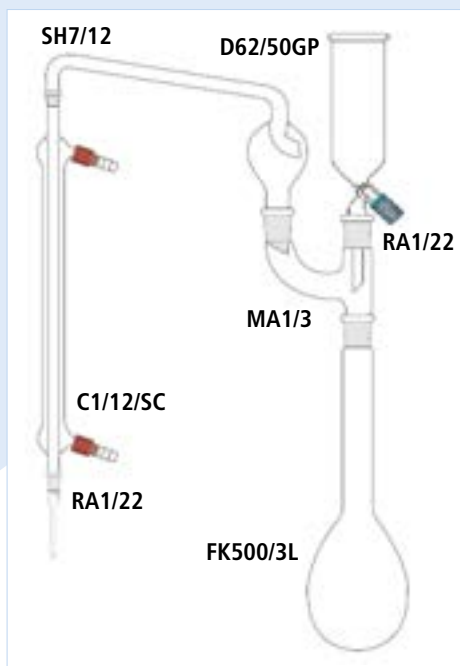
Jugs, moulded graduations, polypropylene

- Tapered jugs in high clarity polypropylene
- Suitable for food contact applications in accordance with EU and USA regulations
- Permanent moulded graduations
- Autoclavable at 121°C
- Ergonomically designed handle

Product Code	Capacity (ml)	Sub div. (ml)	Rim diam. (mm)	Height (mm)	Pack qty.
JPM0050P	50	2	45	68	5
JPM0100P	100	2	61	72	5
JPM0250P	250	5	70	120	1
JPM0500P	500	10	90	140	1
JPM1000P	1000	10	104	180	1
JPM2000P	2000	50	150	214	1
JPM3000P	3000	50	152	240	1
JPM5000P	5000	100	200	270	1



Nitrogen determination



Nitrogen determination (Kjeldahl) assembly



- Convenient assembly of Quickfit® glassware for Kjeldahl digestions and distillations
- Flask can be used alone for digestion stage and then fitted to rest of assembly for the distillation process
- Manufactured from heat resistant and chemically durable borosilicate glass

Product Code	Description	Pack qty.
280MC	Complete assembly	1



The determination of nitrogen by the Kjeldahl method imposes severe demands on glassware including high temperatures coupled with alternating acid/alkali conditions.



Nitrogen determination, distillation unit, (Markham Still)



- Complies with BS1428: Part B2
- Enables a large number of distillations to be carried out in rapid succession
- Comprises Markham still body, Liebig condenser and connecting joint clip
- Still has evaporator vessel enclosed in a steam jacket
- When connected to a suitable steam supply the steam passes through the sample to promote distillation
- When steam supply is shut off the apparatus automatically sucks back any residue in the vessel thus preparing itself for the next determination

Product Code	Description	Pack qty.
46MC	Complete assembly	1



Top of the class

When budgets are tight, you want a product that gives you real value for money.

The SciLabware range of MBL® volumetric products are made to the same world class standards of accuracy that you expect from our other famous brands of glassware, at affordable prices.

Ideal for use in a wide range of laboratories, MBL® burettes, cylinders, pipettes and volumetric flasks deliver consistent results time and again.

MBL®

Glassware that ticks all the right boxes

Class A/AS ✓ Class B ✓ ISO ✓ DIN ✓

Pipettes



PRA748ASWC is supplementary to ISO standard. 1 and 2ml one mark pipettes are straight form and do not feature a bulb.

Pipettes, one mark, class AS, works certified

MBL®

- Complies with ISO 648 and DIN 12691
- Calibrated for delivery with +5s waiting time
- Each pipette coded with individual serial number
- Supplied with calibration certificate which allows traceability to National Standards
- Markings in permanent amber stain which are fused into the glass ensuring highest resistance to aggressive cleaning solutions
- Manufactured from soda-lime glass with tooled jets for extra strength and to ensure correct outflow times

Product Code	Capacity (ml)	Tol. (+/- ml)	Delivery time seconds	Pack qty.
PRA740ASWC	1	0.008	7-11	2
PRA742ASWC	2	0.010	7-11	2
PRA744ASWC	5	0.015	9-13	2
PRA746ASWC	10	0.020	11-15	2
PRA748ASWC	15	0.030	12-16	2
PRA750ASWC	20	0.030	12-16	2
PRA752ASWC	25	0.030	15-20	2
PRA754ASWC	50	0.050	20-25	2
PRA756ASWC	100	0.080	25-30	2



PRA728AS is supplementary to ISO standard. 1 and 2ml one mark pipettes are straight form and do not feature a bulb. Batch certificates are available to download from www.scilabware.com

Pipettes, one mark, class AS

MBL®

- Complies with ISO 648 and DIN 12691
- Calibrated for delivery
- Printed with batch code for downloadable batch certificate
- Markings in permanent amber stain
- Class AS with +5s waiting time
- Manufactured from soda-lime glass with robust tooled jets

Product Code	Capacity (ml)	Tol. (+/- ml)	Delivery time seconds	Pack qty.
PRA720AS	1	0.008	7-11	2
PRA722AS	2	0.010	7-11	2
PRA724AS	5	0.015	9-13	2
PRA726AS	10	0.020	11-15	2
PRA728AS	15	0.030	12-16	2
PRA730AS	20	0.030	12-16	2
PRA732AS	25	0.030	15-20	2
PRA734AS	50	0.050	20-25	2
PRA736AS	100	0.080	25-30	2

Pipettes, one mark, class B**MBL®**

- Complies with ISO 648 and DIN 12690
- Calibrated for delivery
- Manufactured from soda-lime glass with tooled jets to reduce breakage
- Markings in permanent amber stain which are diffused into the surface of the glass for increased chemical resistance

Product Code	Capacity (ml)	Tol. (+/- ml)	Delivery time seconds	Pack qty.
PRA700B	1	0.015	5-20	5
PRA702B	2	0.020	5-25	5
PRA704B	5	0.030	7-30	5
PRA706B	10	0.040	8-40	5
PRA708B	15	0.060	9-50	5
PRA710B	20	0.060	9-50	5
PRA712B	25	0.060	10-50	5
PRA714B	50	0.100	13-60	5
PRA716B	100	0.150	25-60	2



PRA708B is supplementary to ISO standard. 1 and 2ml one mark pipettes are straight form and do not feature a bulb.

**Pipettes, one mark, class B, polypropylene**

- Calibrated to meet class B tolerances
- Permanently marked with ring and inscriptions
- Marked with blue inscriptions

Product Code	Capacity (ml)	Tol. (+/- ml)	Pack qty.
PDH601	1	0.02	12
PDH602	2	0.02	12
PDH605	5	0.03	12
PDH610	10	0.04	1
PDH625	25	0.05	1
PDH650	50	0.10	1



Exposure to temperatures above 60°C may affect accuracy. Recommend cleaning with mild alkaline detergents.

