

LABORATORY
GLASSWARE &
PLASTICWARE
CATALOGUE

Third Edition





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Pacific Laboratory Products is committed to bringing you quality glassware at a competitive price. As such, we are proud to introduce new products to the current glassware, plasticware and metalware ranges from the leading manufacturer - Glassco.

Glassco was established in 1969 and has been in the business of glass manufacturing for over 40 years. Since 1996, Glassco started exporting to now what is more than 50 countries worldwide. With its quality products and services, Glassco is the biggest Indian exporter of Scientific Glassware, shipping more than 200 containers of glassware a year. In the year 2000, Glassco registered itself as a 100% Export Oriented Unit (EOU) with the government of India, under the Special Export Zone.

Certifications



NABL
Accreditation



ISO 9001:2000

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Interchangeable Glassware

Glassco's Interchangeable Glassware are manufactured from ASTM E-438 Type 1, Class A Boro 3.3 Glass. All joints are first made on semi-automatic machines and are then grinded with diamond tools for better taper and precision, then polished to give a better finish. All joints go through strict leak checks on high vacuum machines. The different kinds of adapters are then prepared by skilled glassblowers as per the standards.

Standard Joints



Clip Keck POM for Conical Joints

Part No	N/S	Colour
007.204.01	10/19	Green
007.204.03	14/23	Yellow
007.204.04	19/26	Blue
007.204.05	24/29	Green
007.204.06	29/32	Red

Stoppers



Stopper, Glass, Flat Bottom, Hollow

Part No	N/S	Shape
011.202.01	10/19	Hexagonal
011.202.02	12/21	Hexagonal
011.202.02A	14/23	Hexagonal
011.202.03	19/26	Hexagonal
011.202.04	24/29	Hexagonal
011.202.05	29/32	Hexagonal



Stopper, PP, Flat Bottom

Part No	N/S	Shape
011.232.01	10/19	Hexagonal
011.232.02	12/21	Hexagonal
011.232.03	14/23	Hexagonal
011.232.04	19/26	Hexagonal
011.232.05	24/29	Hexagonal
011.232.06	29/32	Hexagonal



Interchangeable Glassware

Adapters



Adapter, Reduction

Part No	Socket Size	Cone Size
013.202.01A	14/23	19/26
013.202.02	14/23	24/29
013.202.03	14/23	29/32
013.202.04	19/26	24/29
013.202.05	19/26	29/32
013.202.06	19/26	34/35
013.202.10	24/29	29/32
013.202.11	24/29	34/35
013.202.16	29/32	34/35



Adapter, Expansion

Part No	Socket Size	Cone Size
014.202.01	19/26	14/23
014.202.02	24/29	14/23
014.202.03	24/29	19/26
014.202.03A	29/32	14/23
014.202.04	29/32	19/26
014.202.05	29/32	24/29



Adapter Multiple, 2 Neck, Parallel

Part No	Socket Size	Cone Size
015.202.02	19/26	19/26
015.202.03	19/26	24/29
015.202.04	24/29	24/29
015.202.06	29/32	29/32

Interchangeable Glassware

Adapters



Adapter Multiple, 2 Neck, One Joint at 45°

Part No	Socket Size	Cone Size
016.202.02	19/26	19/26
016.202.03	19/26	24/29
016.202.05	29/32	29/32



Adapter, Swan Neck with Screw Thread

Part No	Socket Size	Cone Size
018.202.01	14/23	19/26
018.202.01A	19/26	19/26
018.202.02	19/26	24/29
018.202.03	24/29	24/29
018.202.04	29/32	29/32



Receiver Adapter, Long Stem, Boro 3.3

Part No	Socket Size	Approx. Length (mm)
019.202.06	19/26	200
019.202.07	24/29	200
019.202.08	29/32	200



Interchangeable Glassware

Adapters



Receiver Adapter, Bent Vacuum with Screw Thread Connector

Part No	Socket Size	Cone Size
022.201.02 *	14/23	14/23
022.201.04	19/26	24/29
022.201.05	24/29	24/29

* Non DIN



Receiver Adapter, Straight Vacuum with Screw Thread Connector

Part No	Socket Size	Cone Size
022.202.02	14/23	19/26
022.202.02A	19/26	19/26
022.202.03	19/26	24/29
022.202.04	24/29	24/29
022.202.05	24/29	29/32
022.202.06	29/32	29/32



Receiver Adapter, Inclined at 105°

Part No	Socket Size	Cone Size
023.202.02	19/26	19/26
023.202.03	19/26	24/29
023.202.04	24/29	24/29

Interchangeable Glassware

Adapters



Recovery Bend, Sloping

Part No	Cone Size to Fit Flask	Cone Size to Fit Condenser
026.202.03	19/29	19/26
026.202.04	24/29	19/26
026.202.06	29/32	29/32
026.202.07	24/29	24/29



Splash Head, Vertical, Pear Shape

Part No	Socket Size	Cone Size
030.202.02	19/26	24/29
030.202.03	29/32	29/32



Splash Head, Sloping, Pear Shape

Part No	Cone Size to Fit Flask	Cone Size to Fit Condenser
032.202.02	19/26	19/26
032.202.03	24/29	19/26
032.202.04	24/29	24/29
032.202.05	29/32	29/32



Interchangeable Glassware

Adapters



Adapter Cone, Right Angle, Screw Thread

Part No	Size
036.202.01	14/23
036.202.02	19/26
036.202.03	24/29



Adapter Cone, Screw Thread

Part No	Cone	Acceptable Dia Through Screw Thread (mm)
056.202.01	14/23	6mm
056.202.02	19/26	6mm
056.202.03	24/29	6mm

Interchangeable Glassware

Flasks

All Flasks mentioned in this section are manufactured from ASTM E-438 Type 1, Class A Boro 3.3 Heat Resistant Glass. All come with thick uniform walls and are printed with white enamel. They comply with their respective DIN/ISO/ASTM & USP standards, as defined against each product.



Flask, Round Bottom, with Joint, ISO 4797 & USP

Part No	Socket Size	Nominal Capacity (ml)	Approx. Overall Height (mm)	Diameter (mm)
057.202.02	14/20	5	65	33
057.202.04	14/23	10	65	33
057.202.05	14/23	25	85	41
057.202.06	19/26	25	85	41
057.202.07	24/29	25	85	41
057.202.08	14/23	50	90	51
057.202.09	19/26	50	90	51
057.202.10	24/29	50	115	51
057.202.11	14/23	100	105	64
057.202.12	19/26	100	105	64
057.202.13	24/29	100	105	64
057.202.14	29/32	100	105	64
057.202.21	19/26	250	140	85
057.202.22	24/29	250	140	85
057.202.25	19/26	500	163	105
057.202.26	24/29	500	163	105
057.202.27	29/32	500	163	105
057.202.30	24/29	1000	200	131
057.202.31	29/32	1000	200	131
057.202.33	24/29	2000	240	166
057.202.34	29/32	2000	240	166
057.202.40	29/32	5000	305	223



Flask, Flat Bottom, with Joint, ISO 4797 & USP

Part No	Socket Size	Nominal Capacity (ml)	Approx. Overall Height (mm)	Dia (mm)
058.202.04	24/29	100	103	50
058.202.12	24/29	250	130	85
058.202.16	24/29	500	160	103
058.202.20	29/32	1000	187	131



Interchangeable Glassware

Flasks



Flask, Round Bottom, 2 Neck, Side, DIN 12394 & USP

Part No	Socket Size	Nominal Capacity (ml)	Approx. Overall Height (mm)	Side Socket
059.202.01	24/29	50	105	14/23
059.202.04	24/29	100	105	19/26
059.202.07	24/29	250	140	19/26
059.202.08	29/32	250	140	14/23
059.202.09	24/29	500	163	14/23
059.202.10	24/29	500	163	19/26
059.202.12	24/29	1000	200	14/23
059.202.13	24/29	1000	200	19/26
059.202.14	29/32	1000	200	14/23
059.202.15	34/35	2000	240	19/26



Flask, Round Bottom, 3 Neck, Angled Side, ISO 838 & USP

Part No	Centre Socket	Nominal Capacity (ml)	Approx. Overall Height (mm)	Side Socket
060.202.02	24/29	100	105	14/23
060.202.03A	29/32	100	105	14/23
060.202.04	19/26	250	140	19/26
060.202.05	24/29	250	140	14/23
060.202.06	24/29	250	140	19/26
060.202.07	29/32	250	140	14/23
060.202.08	29/32	250	140	19/26
060.202.10	24/29	500	163	19/26
060.202.12A	29/32	500	163	29/32
060.202.21	24/40	500	240	24/40
060.202.22	29/26	500	240	29/42
060.202.14	24/29	1000	200	19/26



Flask, Round Bottom, 3 Neck, Parallel Side, DIN 12392 & USP

Part No	Centre Socket	Nominal Capacity (ml)	Approx. Overall Height (mm)	Side Socket
061.202.01	24/29	250	140	19/26
061.202.03	24/29	500	163	19/26
061.202.06	24/29	1000	200	19/26
061.202.09	29/32	1000	200	24/29
061.202.12	29/32	2000	240	19/26



Interchangeable Glassware

Flasks



Flask, Kjeldhal, with Joint

Jointly used for the determination of Nitrogen

Part No	Socket Size	Nominal Capacity (ml)	Approx. Overall Height (mm)
070.202.03	24/29	100	265
070.202.05	24/29	500	305
070.202.06	24/40	800	325



Flask, Erlenmeyer, with Joint, ISO 4797 & USP

Part No	Socket Size	Nominal Capacity (ml)	Approx. Overall Height (mm)	Approx. Overall Diameter (mm)
071.202.09	19/26	50	85	51
071.202.10 *	24/29	50	85	64
071.202.12	19/26	100	105	64
071.202.13	24/29	100	105	64
071.202.19	24/29	250	140	85
071.202.22A	24/29	500	175	105
071.202.25	24/29	1000	220	131

* Non DIN



Flasks, Iodine, with glass ground stopper

Part No	Joint Size	Nominal Capacity (ml)	Min. Cup Capacity ml.
072.202.03	24/29	500	20



Interchangeable Glassware

Flasks



Flask, Buchner Filter, ISO 6556 & USP

Part No	Nominal Capacity (ml)
074.202.01	100
074.202.02	250
074.202.03	500
074.202.04	1000
074.202.05	2000



Flask, Kjeldhal, Long Neck

Part No	Capacity (ml)	Diameter (mm)	Height (mm)
077.202.04	800	115	350

Tubes



Tube, Culture with PTFE Lined Screw Cap

Culture tubes, screw cap manufactured from ASTM-438 Type 1, Class A Boro 3.3 Glass. Used mainly for culture work. Comes with autoclavable screw cap with insert of PTFE lined rubber disc. The enamel used for printing on this is white.

Part No	O.D. x Length (mm)	Bottom Type	Pcs/Pack
082.202.05	25 x 100	Round	100
082.204.02	16 x 100	Round	100
082.204.06	20 x 100	Round	100

Interchangeable Glassware

Tubes



Tube, Test, Boro 3.3 Glass, Reuseable

Manufactured from ASTM E-438 Type 1, Class A Boro 3.3 Glass. These tubes come with fire-polished rim tops and uniform wall thickness for maximum heat transfer and chemical resistance.

Part No	Approx. O.D x Height (mm)	Thickness	Pcs/Pack
097.202.02	12 x 75	1.0	100
097.202.03	12 x 100	1.0	100
097.202.05	18 x 150	1.2	100
097.202.06	25 x 150	1.2	100
097.203.06	20 x 150	1.2	100

Volumetric Glassware

All Volumetric Glassware requires high precision and accuracy, which is why Glassco puts them through German-made state-of-the-art automatic calibration machines. Glassco's Calibration Laboratory has undertaken accreditation for its system for calibration and testing as per ISO 17025:2005.

Glassco's Calibration Laboratory is NABL approved. NABL has an MRA under the Asia Pacific Laboratory Accreditation Cooperation (APLAC) and the International Laboratory Accreditation Cooperation (ILAC), which means the calibration provided to customers for volumetric ware is acceptable in calibration laboratories worldwide.



Burette, Glass, Straight, Glass Stopcock, Class AS DIN ISO 385

Class AS with Batch Certificate Part No	Capacity (ml)	Division	Tolerance (\pm ml)
111.202.01	10	0.05	0.02
111.202.02	25	0.1	0.03
111.202.03	50	0.1	0.05



Volumetric Glassware

Burettes



Burette, Glass, PTFE Needle Valve, Class AS DIN ISO 385

Schellbach Class AS with Batch Certificate Part No	Capacity (ml)	Division	Tolerance (\pm ml)
112.202.01A	10	0.05	0.02
112.202.02A	25	0.1	0.03
112.202.03A	50	0.1	0.05



Burette, Glass, Straight, PTFE Stopcock, Class AS DIN ISO 385

Class AS with Batch Certificate Part No	Capacity (ml)	Division	Tolerance (\pm ml)
115.202.01	10	0.05	0.02
115.202.02	25	0.1	0.03
115.202.03	50	0.1	0.05

Volumetric Glassware

Graduated Pipettes



Pipette, Volumetric, Class AS, Amber Graduation, DIN ISO 648 Lot Certificate

Pipettes with Batch Certificate Class AS Part No.	Capacity (ml)	Colour Code	Tolerance (\pm ml)
123.202.01	1	Blue	0.007
123.202.02	2	Orange	0.010
123.202.03	5	White	0.015
123.202.04	10	Red	0.020
123.202.10	10	Red	0.02
123.202.17	10	Yellow	0.08
123.202.05	20	Yellow	0.030
123.202.12	20	Yellow	0.03
123.202.06	25	Blue	0.030
123.202.07	50	Red	0.050
123.202.16	50	Red	0.05
123.202.08	100	Yellow	0.080



Pipette, Graduated, Class AS, Amber Graduation, DIN ISO 648 Lot Certificate

Pipettes with Batch Certificate Class AS Part No	Capacity (ml)	Colour Code	Tolerance (\pm ml)
125.202.01	1	Yellow	0.007
125.202.02	2	Black	0.010
125.202.03	5	Red	0.030
125.202.04	10	Orange	0.050
125.202.06	25	White	0.100



Volumetric Glassware

Volumetric Flasks

Glassco Volumetric Flasks - Class A are made from ASTM E-438 Type 1, Class A Boro 3.3 Heat Resistant Glass, which meets ISO 1042 standards. Calibrations are done on automatic computer controlled machines and are calibrated to contain (TC, In) according to ISO tolerance standards. These are supplied with PP stoppers in both amber and clear glass. All Class A Volumetric Flasks are printed in blue, and come with a Conformity Batch Certificate.



Flask, Volumetric Glass, Clear Class A with PP Stopper, Blue Graduation, ISO 1042

Batch Certificate with PP Stopper Part No	Capacity (ml)	N/S	Tolerance (\pm ml)
130.202.01	5	10/19	0.025
130.202.02	10	10/19	0.025
130.202.02A	20	10/19	0.040
130.202.03	25	10/19	0.040
130.202.04	50	12/21	0.060
130.202.05	100	14/23	0.100
130.202.06	200	14/23	0.150
130.202.07	250	14/23	0.150
130.202.08	500	19/26	0.250
130.202.09	1000	24/29	0.400
130.202.10	2000	29/32	0.600
130.202.11	5000	34/35	1.200



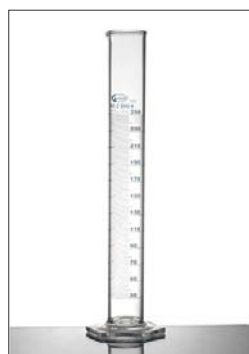
Flask, Volumetric Glass, Amber, Class A with PP Stopper, Blue Graduation, ISO 1042

Amber Glass Batch Certificate with PP Stopper Part No	Capacity (ml)	N/S	Tolerance (\pm ml)
130.202.02AB	10	10/19	0.025
130.202.03A	20	10/19	0.040
130.202.04A	25	10/19	0.040
130.202.05A	50	12/21	0.060
130.202.06AB	100	12/21	0.100
130.202.08A	250	14/23	0.150
130.202.09A	500	19/26	0.250

Volumetric Glassware

Measuring Cylinders

Glassco Measuring Cylinders are made from ASTM E-438 Type 1, Class A Boro 3.3 Heat Resistant Glass, which meets ISO 4788 standards. Calibrations are done on automatic computer controlled machines and are calibrated to contain (TC, In) according to ISO tolerance standards. All Class A Measuring Cylinders are printed in blue.



Cylinder, Measuring Glass, Hexagonal Base, Class A, Blue Graduation, DIN ISO 4788 & USP

Part No with Conformity Batch Certificate	Capacity (ml)	Sub Division	Tolerance (±ml)	Lot Pcs/Pack
139.202.01A	10	0.2	0.10	2
139.202.02A	25	0.5	0.25	2
139.202.03A	50	1.0	0.50	2
139.202.04A	100	1.0	0.50	2
139.202.05A	250	2.0	1.00	2
139.202.06A	500	5.0	2.50	2
139.202.07A	1000	10.0	5.00	2
139.202.08A	2000	20.0	10.00	1

Cylinder, Measuring Glass, Round Base, Class A

Part No.	Capacity (ml)	Sub Division	Tolerance (±ml)	Lot Pcs/Pack
139.202.01	5	0.1	0.05	2



Cylinder, Measuring Glass, Hexagonal Base, Class A with PP Stopper, Blue Graduation, DIN ISO 4788

Part No with Hexagonal Base	Capacity (ml)	Sub Division	Tolerance (±ml)
142.202.01A	10	0.2	0.10
142.202.02A	25	0.5	0.25
142.202.03A	50	1.0	0.50
142.202.04A	100	1.0	0.50
142.202.05A	250	2.0	1.00
142.202.06A	500	5.0	2.50
142.202.07A	1000	10.0	5.00
142.202.08A	2000	20.0	10.00



Separating & Dropping Funnel

Separating and Dropping Funnel are produced from ASTM E-438 Type 1, Class A Boro 3.3 Heat Resistant Glass. All these flasks are manufactured as per the ISO 4800 standard. Printing is in white.

Squibb Separating Funnel



Funnel, Separating, Glass Conical, with Glass Stopcock, PP Stopper, Plain, ISO 4800

Part No. Plain	Capacity (ml)	N/S	Bore	Stop Cock Type
147.202.02	50	19/26	2.5	Solid Glass
147.202.03	100	19/26	2.5	Solid Glass
147.202.04	250	29/32	4	Solid Glass
147.202.05	500	29/32	4	Solid Glass
147.202.06	1000	29/32	6	Solid Glass
147.202.07	2000	29/32	6	Solid Glass



Funnel, Separating, Glass Conical, Needle Valve, PTFE Stopcock, PP Stopper, Plain, ISO 4800

Part No. Plain	Capacity (ml)	N/S	Bore	Stop Cock Type
148.202.04	250	29/32	4	Needle Valve
148.202.05	500	29/32	4	Needle Valve
148.202.06	1000	29/32	6	Needle Valve



Funnel, Separating, Glass Conical, with PTFE Stopcock, PP Stopper, with Graduation, ISO 4800

Part No. with Graduation	Capacity (ml)	N/S	Bore	Stop Cock Type
149.209.03	100	19/26	2.5	PTFE
149.209.04	250	29/32	4	PTFE
149.209.05	500	29/32	4	PTFE
149.209.06	1000	29/32	6	PTFE
149.209.07	2000	29/32	6	PTFE

Separating & Dropping Funnels

Dropping Funnels



Funnel, Separating, Glass Cylindrical, Needle Valve, PTFE Stopcock, PP Stopper

Part No	Capacity (ml)	Socket & Cone N/S	Bore Size	Stock Cock Type
166.202.03A	100	29/32	2.5	Needle Valve

Pressure Equalising Funnels



Pressure Equalising Funnels, Cylindrical, with Socket & PTFE Key Stopcock and stem with cone.

Part No	Capacity (ml)	Socket	Bore Size	Stock Cock Type
169.202.03A	100	29/32	2.5	PTFE
169.202.04A	250	29/32	4	PTFE
169.202.05A	500	29/32	4	PTFE



Funnel, Equalising, Glass Pear, PTFE Stopcock

Part No	Capacity (ml)	Socket & Cone N/S	Bore Size	Stock Cock Type
171.202.02A	100	14/23	2.5	PTFE
171.202.04A	250	29/32	4	PTFE



Condensers & Assemblies

Liebig Condensers

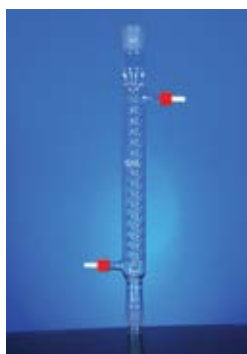


Condenser, Liebig, with Screw Thread Connector, ASTM E-438

Manufactured from ASTM E-438 Type 1, Class A Boro 3.3 Glass. These condensers come with a Glass & Plastic screw thread connector and are highly efficient, with a large cooling surface.

Part No	Socket Size	Effective Length (mm)	Cone	Connector
182.181.02	19/26	250	19/26	Screw Thread
182.181.3A	29/32	250	29/32	Screw Thread
182.181.05	24/29	300	24/29	Screw Thread
182.181.10	24/29	400	24/29	Screw Thread
182.181.11	29/32	400	29/32	Screw Thread

Coil Condensers



Condenser, Coil, with Screw Thread Connector, ASTM E-438

Manufactured from ASTM E-438 Type 1, Class A Boro 3.3 Glass. These condensers come with Glass connectors and Plastic screw thread connectors, and are highly efficient, with a large cooling surface.

Part No	Socket Size	Effective Length (mm)	Cone	Connector
183.181.05	24/29	300	24/29	Screw Thread
183.181.06	29/32	300	29/32	Screw Thread
183.181.07	29/32	400	26/32	Screw Thread

Condensers & Assemblies

Davies Condensers



Condenser, Double Surface

Part No	Socket Size	Effective Length (mm)	Cone	Connector
187.202.01	19/22	150	19/22	Screw Thread
187.202.02	24/40	150	24/40	Screw Thread

Allihin Condensers



Condenser, Allihin, with Screw Thread Connector, ASTM E-438

Manufactured from ASTM E-438 Type 1, Class A Boro 3.3 Glass in compliance with DIN 12581. These condensers are ideal for reflux and comes with glass and plastic screw thread connectors.

Part No	Socket Size	Effective Length (mm)	Cone	Connector
190.181.09	24/29	250	24/29	Screw Thread



General Glassware

Beakers

Manufactured from ASTM E-438 Type 1, Class A Boro 3.3 Glass. These beakers comply with ISO 3819, DIN 12331 ASTM E-960 and USP standards. They come with white graduation prints and a marking area for use with an ordinary pencil. These beakers have a uniform wall thickness, which make them ideal for heating applications.



Beaker, Glass, Low Form, with Graduation and Spout, DIN 12331 & ISO 3819

Part No	Capacity (ml)	D (mm)	H (mm)
229.202.02	10	26	35
229.202.03	25	34	50
229.202.04	50	42	60
229.202.05	100	50	70
229.202.06	150	60	80
229.202.07	250	70	95
229.202.08	400	80	110
229.202.09	600	90	125
229.202.10	1000	105	145
229.202.11	2000	132	185
229.202.13	3000	152	210



Beaker, Glass, Tall Form, with Graduation and Spout, DIN 12331 & ISO 3819

Part No	Capacity (ml)	D (mm)	H (mm)
230.202.02	50	38	70
230.202.03	100	48	80
230.202.04	150	54	95
230.202.05	250	60	120
230.202.06	400	70	130
230.202.07	600	80	150
230.202.08	1000	95	180

General Glassware

Erlenmeyer Flasks

These Erlenmeyer Flasks are manufactured from ASTM E-438 Type 1, Class A Boro 3.3 Glass and comply to DIN ISO 1773 and USP standards. Available with white graduation prints and a marking area for use with an ordinary pencil, these flasks come with a thick reinforced rim and are manufactured from thick glass.



Flask, Erlenmeyer, Glass, Narrow Neck, with Graduation, DIN 12380 & ISO 1773

Part No	Capacity (ml)	D (mm)	D1 (mm)	H (mm)
231.202.01	25	42	22	75
231.202.02	50	51	22	90
231.202.03	100	64	22	105
231.202.04	250	85	34	145
231.202.05	500	105	34	180
231.202.06	1000	131	34	220
231.202.07	2000	166	50	280
231.202.08	3000	187	52	310
231.202.09	5000	220	52	365



Flask, Erlenmeyer, Glass, Wide Neck, with Graduation, DIN 12380 & ISO 1773

Part No	Capacity (ml)	D (mm)	D1 (mm)	H (mm)
232.202.01	25	42	31	70
232.202.02	50	51	34	85
232.202.03	100	64	34	105
232.202.05	250	85	50	140
232.202.07	500	105	50	175
232.202.08	1000	131	50	220
232.202.09	2000	153	72	276



General Glassware

Round & Flat Bottom Flasks

Manufactured from ASTM E-438 Type 1, Class A Boro 3.3 Glass, these round and flat bottom flasks comply to DIN ISO 1773 and USP standards. Available with white graduation prints and a marking area for use with an ordinary pencil, these flasks come with a thick reinforced rim and are manufactured from thick glass.



Flask, Round Bottom, Narrow Neck, DIN 12347 & ISO 1773

Part No	Capacity (ml)	D (mm)	D1 (mm)	H (mm)
233.202.02	100	64	26	110
233.202.03	250	85	34	144
233.202.04	500	105	34	168
233.202.05	1000	131	42	200
233.202.06	2000	166	42	260
233.202.07	3000	195	50	305
233.202.08	5000	233	55	345

Flat Bottom Flasks



Flask, Flat Bottom, Narrow Neck, DIN 12347 & ISO 1773

Part No	Capacity (ml)	D (mm)	D1 (mm)	H (mm)
235.202.02	100	64	22	110
235.202.03	250	85	35	140
235.202.04	500	105	34	171
235.202.05	1000	131	42	200
235.202.06	2000	166	42	250

General Glassware

Weighing Scoops

Suitable for use when small quantities of dyes or powders are to be weighed.



Scoops, Weighing Glass, with Open Tubular Arm

Part No	Capacity (ml)
245.202.01	3
245.202.02	6
245.202.03	10

Dishes

Manufactured from ASTM E-438 Type 1, Class A Boro 3.3 Glass, these dishes comply to DIN and USP standards. They are available with white graduation prints and a marking area for use with an ordinary pencil.



Dish, Crystallizing, without Spout, DIN & USP

Part No	Diameter (mm)	Capacity (ml)
246.202.01	40 x 25	20
246.202.02	50 x 30	40
246.202.03	60 x 35	60
246.202.04	70 x 40	100
246.202.05	80 x 45	150
246.202.06	95 x 55	300
246.202.07	140 x 75	900
246.202.08	190 x 90	2000



General Glassware

Dishes



Dish, Crystallizing, with Spout, DIN & USP

Part No	Diameter (mm)
246.202.01S	40 x 25
246.202.02S	50 x 30
246.202.03S	60 x 35
246.202.04S	70 x 40
246.202.05S	80 x 45
246.202.06S	95 x 55



Desiccator Glass with Lid, Plain

Part No	I.D. (mm)	Material
249.202.01	150	Neutral Glass with Porcelain perforated plate
249.202.02	210	Neutral Glass with Porcelain perforated plate
249.202.03	250	Neutral Glass with Porcelain perforated plate
250.202.01	150	Neutral Glass with Porcelain perforated plate / glass sleeve
250.202.03	250	Neutral Glass with Porcelain perforated plate / glass sleeve

Watch Glass



Watch Glass, Neutral Glass

Part No	Approx. Overall Diameter (mm)	Material
564.303.01	62.5	Soda Glass
564.303.03	75	Soda Glass
564.303.04	100	Soda Glass
564.303.05	125	Soda Glass
564.303.07	50	Boro 3.3
564.303.08	65	Boro 3.3
564.303.09	75	Boro 3.3
564.303.10	100	Boro 3.3
564.303.11	125	Boro 3.3
564.303.12	150	Boro 3.3

Filtration Glassware

Filtration Glassware

Filtration apparatus should be kept on its rim (stem upwards) while in the oven or steriliser. A perforated support base is advantageous for air convection in case pipeline filters. Care should be taken by use of heat insulating material such as asbestos to avoid premature near filter seal. Apparatus should remain in the oven or steriliser during cooling to avoid them cooling down too quickly.



Funnel, Glass, 60° Angle, with Stem Boro 3.3

Part No	Diameter (mm)
238.202.02	35
238.202.04	40
238.202.05	50
238.202.08	70
238.202.10	80
238.202.11	100
238.202.12	125
238.202.13	150



Funnel, Glass, 60° Angle, with Stem Boro 3.3, Powder

Part No	N/S Size	Approx Funnel Diameter (mm)
238.202.04P	29/32	80
238.202.05P	14/23	100

Glassco Crucibles and Buchner Funnels are manufactured from ASTM E-438 Type 1, Class A Boro 3.3 Glass.



Crucible, Glass, with Sintered Disc

Part No	Porosity	Capacity (ml)
255.G01.02	1	30
255.G02.02	2	30
255.G02.03	2	50



Filtration Glassware

Filtration Glassware



Funnel, Buchner, Glass, with Sintered Disc

Part No	Porosity	Capacity (ml)
256.G03.02	3	80
256.G01.04	1	500
256.G02.04	2	500
256.G03.04	3	500
256.G01.05	1	1000
256.G02.05	2	1000
256.G03.05	3	1000

All-Glass Filter Holder for 47mm Disk Filters



Filter Glass Membrane, 47mm with Clamp, 300ml Funnel and 1Ltr Flask, Complete

Part No: 258.202.01
Application: This is used in vacuum filter aqueous, organic or corrosive liquids for particulate contamination analysis. Also recommended for HPLC solvent filtration.

Specifications:

Materials: Borosilicate glass funnel, base and tubulated cap; anodized aluminium spring clamp; fritted glass filter support

Filter Diameter (mm): 47
Filtration Area (cm²): 9.6
Funnel Capacity (ml): Funnel: 300ml; Flask: 1Ltr
Outlet Fitting: 6mm (1/4 in.) O.D. tubulated cap sidearm to vacuum

Replacement Parts:

Part No	Description
258.245.01	Glass Funnel, 300mL, Borosilicate
258.245.02	Spring Clamp, 47mm, Aluminium

Filtration Glassware

Filtration Glassware

Glass Microanalysis Filter Holders for 25mm Disk Filters



259.202.01

Filter Glass Membrane, with Clamp, Fritted Glass, Silicon Stopper

Part No: 259.202.01
Application: This is used to filter under vacuum / small volumes for particulate or biological contamination analysis. Filter is available in fritted glass or stainless steel. Thick prefilters or laminated filters will not seal in this holder. You may use Durapore (PVDF) membrane or unlaminated PTFE for solvent applications with this apparatus.

Specifications:

Materials: Borosilicate glass funnel and base; fritted glass filter support; anodized aluminium spring clamp; silicone stopper
Filter Diameter (mm): 25
Filtration Area (cm²): 2.5
Funnel Capacity (ml): 15
Outlet Fitting: No. 5 perforated silicone stopper mounts in standard 125ml filtering flask



259.245.06

Replacement Part:

Part No: 259.245.06
Description: No. 5 Stopper, Silicone, Perforated for 125ml Vac Flask



Filtration Glassware

Filtration Glassware



Glass Filter Holder for 47mm Disc Filters

Part No	Description	Applications
260.202.01	Filter Glass Membrane, 47mm with Clamp, 300ml Funnel, Fritted Glass, No. 8 Silicon Stopper	Bacteriological analysis of water (using 47mm sterile membrane filters). Analysis of suspended solids in water (using 47mm depth filters)
261.202.01	Filter Gass Membrane, 47mm with PTFE Clamp, 300ml Funnel, Fritted Glass, No. 8 Silicon Stopper	Bacteriological analysis applications where autoclaving filter holder with membrane in place is needed
262.202.01	Filter Glass Membrane, 47mm with Clamp, 300ml Funnel, Stainless Steel Screen, No. 8 Silicon Stopper	<ul style="list-style-type: none"> • Particulate contamination analysis of oils and hydraulic fluids by gravimetric or particulate counting methods • Exfoliative cytology applications

Specifications:

Materials:	Borosilicate glass funnel and base; anodized aluminium spring clamps; silicone stopper
Filter Diameter (mm):	47
Filter Area (cm ²):	9.6
Funnel Capacity (ml):	300; Accessory 1Ltr is available
Prefilter Diameter (mm):	35 (thick depth prefilter) or 47 (membrane prefilter)
Outlet Fitting:	No. 8 perforated silicone stopper mounts in standard 1Ltr and 4Ltr filtering flasks

Dimensions:

Height (cm):	22.9
Diameter (cm):	7.5

Sterilization Method:

260.202.01 and 261.202.01:	30 UV sterilize or autoclave without filter in-place
262.202.01:	Autoclave with filter in-place



Filtration Glassware

Filtration Glassware



263.202.01

All-Glass Filter Holder for 90mm Disc Filters

Filter Glass Membrane, 90mm with Clamp,
1000ml Funnel, Stainless Steel Screen, No. 8 Silicon Stopper

Part No: 263.202.01
Applications: This is used in vacuum filter aqueous, organic or corrosive liquids for particulate contamination analysis. Also recommended for HPLC solvent filtration.

Specifications:

Materials: Borosilicate glass funnel, base and tubulated cap; PTFE-coated stainless steel screen; anodized aluminium spring clamp
Filter Diameter (mm): 90
Funnel Capacity (Ltr): 1
Outlet Fitting: 6mm (1/4 in.) O.D. tubulated cap sidearm to vacuum



263.245.05

Replacement Part:

Part No: 263.245.05
Description: Spring Clamp, 90mm, Anodized Aluminium



Bottles

Bottles



Bottle weighing, with grip stopper flat

Part No	Capacity	Diameter (mm)	Type
264.202.01	20	62.5 x 15	Squat Form
264.202.03	35	75 x 15	Squat Form



Pycnometer Glass, Lussac, Calibrated, Class A, ASTM E-438

Part No	Capacity (ml)	Tolerance (\pm ml)
268.202.01	10	1.0
268.202.02	25	2.0
268.202.03	50	3.0
268.202.04	100	3.0



Bottle, Reagent, Narrow Mouth, Clear, DIN ISO 4796

Part No	Capacity (ml)	N/S
272.202.03	100	14/23
272.202.04	250	19/26
272.202.05	500	24/29
272.202.06	1000	29/32

Bottles

Bottles



Bottle, Reagent, Narrow Mouth, Amber, DIN ISO 4796

Part No	Capacity (ml)	N/S
273.202.03	100	14/23
273.202.04	250	19/26
273.202.05	500	24/29



Bottle, Laboratory, Glass Clear, Graduated, GL 45 with Screw Cap

Part No	Capacity (ml)	Diameter (mm)
274.202.01	100	56
274.202.02	250	70
274.202.03	500	86
274.202.04	1000	101
274.202.05	2000	136



Bottle, Laboratory, Glass Amber, Graduated, GL 45 with Screw Cap

Part No	Capacity (ml)	Diameter (mm)
275.202.01	100	56
275.202.02	250	70
275.202.03	500	86
275.202.04	1000	101
275.202.05	2000	136



Bottles

Bottles



Cap Screw & Pouring Ring, PP, GL 45, Blue

Part No	Description
275.205.01	Blue Colour Screw Cap GL 45
275.205.02	Blue Colour Pouring Ring GL 45



Bottle, BOD, ASTM E-438

Part No	Capacity (ml)	D (mm)	H (mm)
284.202.02	300	70	150



Head for Gas Washing Bottle

Part No	Capacity (ml)
285.202.02	250

Bottles

Bottles



Bottle, Gas Washing

Part No	Capacity (ml)
286.202.02	250



Head for Gas Washing Bottle, Sintered

Part No	Capacity (ml)
287.202.02	250



General Plasticware

Glassco's Plasticware is manufactured from a variety of materials such as Polypropylene, Polyethylene, Polystyrene and Polycarbonate. Items made from Polypropylene provide great clarity, good chemical and heat resistance. Similarly, products made using low density and high density Polyethylene provide rigid, translucent and excellent contact clarity. Glassco's Plasticware manufactured with Polystyrene offers great clarity and rigidity. Polycarbonate is also used along the wide range of Plasticware providing excellent clarity as well as low/high temperature and chemical resistance.

Beakers



Beaker, PP, with Moulded Graduation and Spout Autoclavable

Part No	Nominal Capacity (ml)	Material
100.303.01	50	Polypropylene
100.303.02	100	Polypropylene
100.303.03	250	Polypropylene
100.303.04	500	Polypropylene
100.303.05	1000	Polypropylene
100.303.06	2000	Polypropylene
101.303.08	5000	Polypropylene

Bottles



Reagent Bottle, PP, Narrow Mouth

Part No	Nominal Capacity (ml)	Material
106.303.01	60	Polypropylene
106.303.02	125	Polypropylene
106.303.03	250	Polypropylene
106.303.04	500	Polypropylene
106.303.05	1000	Polypropylene



Bottle, PP, Wide Mouth

Part No	Nominal Capacity (ml)	Material
107.303.01	60	Polypropylene
107.303.02	125	Polypropylene
107.303.03	250	Polypropylene
107.303.04	500	Polypropylene
107.303.05	1000	Polypropylene

General Plasticware

Bottles



Bottle, PP, Aspirator Leakproof Tap Autoclavable

Part No	Nominal Capacity (ltr)	Material
108.303.01	6	Polypropylene
108.303.02	10	Polypropylene
108.303.03	20	Polypropylene



Bottle Wash, PE, Flexible Delivery Tube

Part No	Nominal Capacity (ml)	Material
109.303.01	125	Low Density Polyethylene
109.303.02	250	Low Density Polyethylene
109.303.03	500	Low Density Polyethylene
109.303.04	1000	Low Density Polyethylene

Clamp, Burette



Clamp, Burette, PP

Part No	Type	Total Length (cm)
112.303.01	Single	14.5
112.303.02	Double	24



General Plasticware

Box Slide



Box Slide, PS

Part No	Quantity	Material
129.303.01	25	Polystyrene
129.303.02	50	Polystyrene
129.303.03	100	Polystyrene

Tubes



OAK Ridge, PP, Centrifuge with Silicon o-ring

Part No	Nominal Capacity (ml)	Material
137.303.01	30	Polypropylene
137.303.02	50	Polypropylene
137.303.03	100	Polypropylene



Vial, Cryovial PP/HDPE Internal Thread

Part No	Nominal Capacity (ml)	Material
150.303.01	2.0	Polypropylene

General Plasticware



Vial, Cryovial PP/HDPE External Thread, Sterilized

Part No	Nominal Capacity (ml)	Material	Pcs/Pck
151.303.01	1.0	Polypropylene	1000
151.303.02	1.8	Polypropylene	1000
151.303.03	4.5	Polypropylene	500

Racks



Rack Test Tube, Universal

Part No	Type	Material
160.303.03	Universal Multi-rack	Polypropylene



Rack Test Tube, PP, (3-tier)

Part No	Size/Capacity	Material
163.303.03	20 mm x 20 Tubes	Polypropylene
163.303.07	25 mm x 36 Tubes	Polypropylene
163.303.12	16 mm x 62 Tubes	Polypropylene
163.303.15	13 mm x 72 Tubes	Polypropylene



Rack Test Tube, PP, Autoclavable

Part No	Size/Capacity	Material
166.303.01	13 mm x 90 Tubes	Polypropylene
166.303.02	16 mm x 60 Tubes	Polypropylene
166.303.03	20 mm x 40 Tubes	Polypropylene
166.303.04	25 mm x 24 Tubes	Polypropylene
166.303.05	30 mm x 21 Tubes	Polypropylene



General Plasticware

Cylinders

Cylinder, Measuring, PP

Part No	Capacity (ml)	Raised Graduations (ml)	Material
175.303.08	2000	20	Polypropylene



Cylinder, Measuring, PP, Hexagonal base

Part No	Capacity (ml)	Raised Graduations (ml)	Material
177.303.03	50	1	Polypropylene
177.303.05	250	2	Polypropylene
177.303.06	500	5	Polypropylene
177.303.07	1000	10	Polypropylene



Cylinder, Measuring, PP, Pen

Part No	Capacity (ml)	Raised Graduations (ml)	Material
178.303.01	10	0.2	Polypropylene
178.303.02	25	0.5	Polypropylene
178.303.03	50	1	Polypropylene
178.303.04	100	1	Polypropylene
178.303.05	250	2	Polypropylene
178.303.06	500	5	Polypropylene
178.303.07	1000	10	Polypropylene

Jugs



Jug, PP, Measuring with graduations

Part No	Capacity (ml)	Graduations (ml)	Material
179.303.01	250	10	Polypropylene
179.303.02	500	10	Polypropylene
179.303.03	1000	10	Polypropylene
179.303.04	2000	20	Polypropylene
179.303.08	3000	100	Polypropylene
179.303.09	3000	250	Polypropylene

General Plasticware

Spatula



Spatula Spoon, PP, One flat end Autoclavable

Part No	Size (mm)	Material
182.303.02	200	Polypropylene

Stirrers



Rod Stirring, PP

Part No	Diameter (mm)	Length (mm)	Material
193.303.03	7	250	Polypropylene
193.303.05	10	250	Polypropylene

Connectors



Connector, PP

Part No	Type	Shape of edge	Material
194.303.05	T - Connectors 6 mm	Valley	Polypropylene
194.303.07	T - Connectors 8 mm	Valley	Polypropylene



General Plasticware

Rod Stirring



Rod Stirring, PP, Policeman Type

Part No	Description	Material
201.303.01	6 mm x 245 mm	Polypropylene



Rigid Loops and needle, PS

Part No	Description	Material	Pcs/Pack
202.303.01	1ul (Rigid Loopes)	Polystyrene	100 x 20
202.303.02	10ul (Rigid Loopes)	Polystyrene	100 x 20
202.303.03	Rigid Inoculating needle	Polystyrene	-



Pestle, PP, Micro, Double ended

Part No	Description	Material
204.303.01	fits 1.5 ml micro centrifuge tube & 0.5 m	Polypropylene

General Plasticware

Funnels



Funnel, PP, Buchner

Part No	Size	Material
123.303.01	70	Polypropylene
123.303.02	90	Polypropylene
123.303.03	100	Polypropylene



Funnel, PP, Analytical

Part No	O.D. (mm)	Stem Length	Material
207.303.01	50	50	Polypropylene
207.303.02	62	67	Polypropylene
207.303.03	75	77	Polypropylene
207.303.04	100	95	Polypropylene
207.303.05	35	37	Polypropylene



Funnel, PP, Powder

Part No	O.D. (mm)	I.D. (mm)	Stem Length	Material
210.303.01	65	65	22	Polypropylene
210.303.02	80	78	30	Polypropylene
210.303.03	100	100	33	Polypropylene
210.303.04	150	145	30	Polypropylene



Funnel, PP, Industrial

Part No	O.D. (mm)	I.D. (mm)	Stem Length	Material
211.303.02	250	Industrial filling drums carboy		Polypropylene



Spatulas

Pacific Laboratory Products offers a selected range of Glassco's metalware. The items featured below are made of heavy Stainless Steel grade 304/316. Grade 316 is the standard molybdenum-bearing grade, second in importance to 304 among the austenitic stainless steels. The molybdenum gives 316 better overall corrosion resistant properties than Grade 304, particularly higher resistance to pitting and crevice corrosion in chloride environments. Grade 316 also has outstanding welding characteristics.



Spatula, SS, Spoon End, Flat End

Part No	Size	Material
374.303.02	150mm	Stainless Steel
374.303.04	250mm	Stainless Steel



Spatula, SS, Both Ends Flat

Part No	Size	Material
374.303.07	150mm	Stainless Steel
374.303.09	250mm	Stainless Steel



Double Spatula Chattaway, One end flat, SS

Part No	Length (mm)	Material
375.303.01	155 x 8.5	Stainless Steel
375.303.02	210 x 8.5	Stainless Steel



Micro Spatula Chattaway

Part No	Length (mm)	Material
378.303.01	155 x 4	Stainless Steel

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