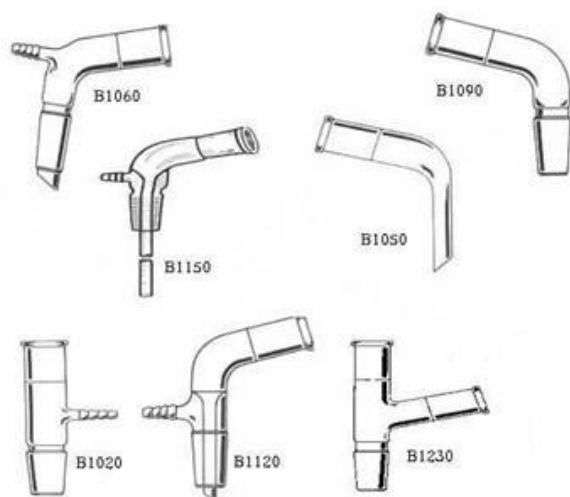


TABLE OF CONTENTS

1. ADAPTER	1	15.IMPINGER	18
2. BOILING FLASK	4	16.MULTIPLE FLASK	20
3. BURET	6	17.PETROLEUM APPARATUS	24
4. CONDENSER	6	18.REACTION FLASK	25
5. CONNECTING BULB	9	19.REDUCTION FLASK	26
6. CYLINDER	10	20.SEPARATORY FUNNEL	29
7. DISPENSER	10	21.SPECIAL PURPOSE FLASK	29
8. DISTILLING APPARATUS	11	22.TISSUE GRINDER	29
9. ERLLENMEYER FLASK	12	23.TRAPS	31
10.EXTRACTION FLASK	13	24.TUBES	33
11.FILTERING FLASK	16	25.TUBES, COLOR COMPARISON	34
12.FUNNEL	17	26.TUBES, FERMENTATION	34
13.GAS	17	27.PIPET	35
14.GAS WASHING BOTTLE	17	28.VOLUMETRIC FLASK	35

ADAPTER



Straight Vacuum

B1020

With outer joint at one end and the same size inner joint at the other end, and with sidearm for hose connection located between the joints.

Cat. No	Joint Top (Outer)	Joint Bottom (Inner)
B1020-10	10/18	14/20
B1020-20	10/18	19/22

Cat. No	Joint Top (Outer)	Joint Bottom (Inner)
B1020-30	14/20	14/20
B1020-40	19/22	19/22
B1020-50	24/40	24/40
B1020-60	29/42	29/42

105° Bend, Full

B1050

With outer joint at one end and small tube at the other end which is angled to form a drip tip. Bend in tubes gives an included angle of 105°.

Cat. No.	Joint
B1050-14	14/20
B1050-19	19/22
B1050-24	24/40
B1050-29	29/42

Vacuum

B1060

Delivery tube extends below lower inner joint with an angled drip tip. Hose connector provides connection vacuum source. Angle between top and bottom joint is 105°.

Cat. No.	Joint
B1060-15	14/20
B1060-30	19/22
B1060-45	19/38
B1060-60	24/40
B1060-75	29/42

105° Bend

B1090

Each end is provided with a joint, outer on one end and inner on the other end. Both grindings are the same.

Cat. No.	Joint
B1090-30	14/20
B1090-60	19/22
B1090-90	24/40
B1090-120	29/42

105° Bend, Full Length

B1120

With outer joint at one end and small tube at other end which is angled to form a drip tip. Bend in tube give an included angle of 105°.

Cat. No.	Joint
B1120-14	14/20
B1120-19	19/22
B1120-24	24/40
B1120-29	29/42

Connecting, 105 Angle, Two-way, Suction Tube, Joints

B1150

With a drip tip and side tube added for a hose connection.

Cat. No.	Joint
B1150-24	24/40

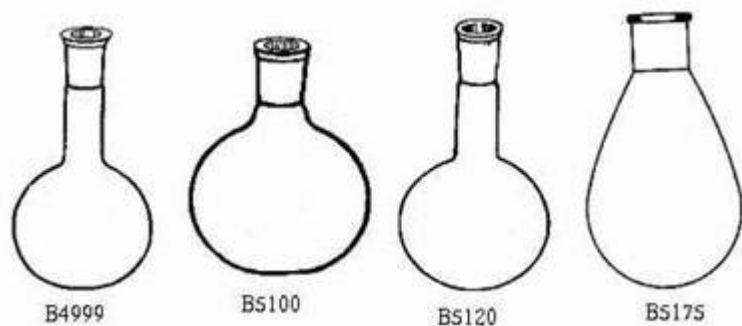
Three-way, Full Length

B1230

Unit connects boiling flask with a condenser.

Cat. No.	Joint
B1150-24	24/40

BOILING FLASK



Florence, Boiling, Flat Bottom, Long Neck, $\overline{\text{F}}$ Joint

B4999

With full length outer joints.

Cat. No.	Capacity (ml)	Joint size	Approx. O.D. x Height (mm)
B4999-250	250	24/40	82 x 150
B4999-500	500	24/40	103 x 195
B4999-1000	1000	24/40	132 x 232

Boiling, Flat Bottom, Short Neck, $\overline{\text{F}}$ Joint

B5100

With full length outer $\overline{\text{F}}$ joints, but with shorter necks.

Cat. No.	Capacity (ml)	Joint	Approx. O.D. x Height (mm)
B5100-50	50	24/40	50 x 98
B5100-125	125	24/40	69 x 120
B5100-250	250	24/40	82 x 135
B5100-500	500	24/40	103 x 155
B5100-1000	1000	24/40	132 x 185

Boiling, Round Bottom, Long Neck, Joint

B5120

These flasks are equipped with full length outer $\overline{\text{T}}$ joints.

Cat. No.	Capacity (ml)	Joint Size	Approx. O.D. x Height (mm)
B5120-100	100	24/40	65 x 145
B5120-250	250	24/40	83 x 165
B5120-500	500	24/40	102 x 209
B5120-1000	1000	24/40	130 x 245

Flask, Recovery, Single Neck, Heavy Wall

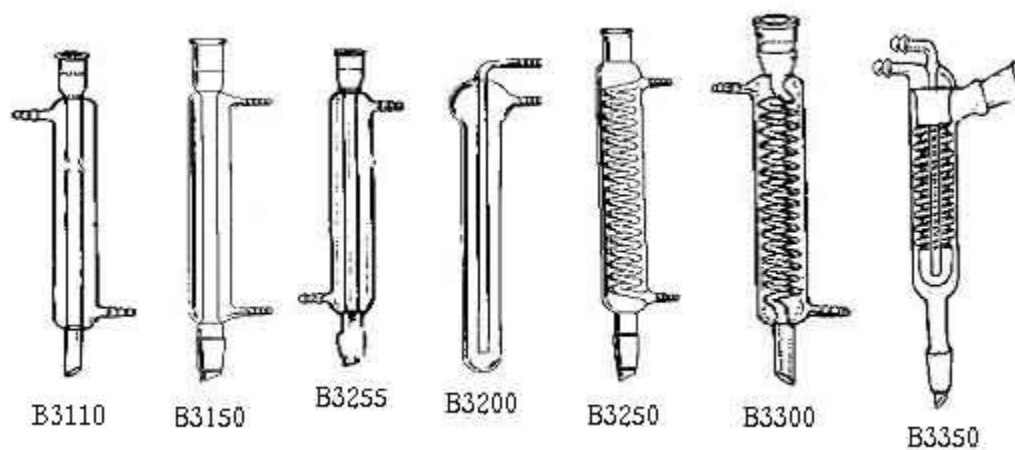
B5175

Cat. No.	Capacity (ml)	Joints
B5175-10A	10	14/20
B5175-10B	10	19/22
B5175-25A	25	14/20
B5175-25B	25	19/22
B5175-25C	25	24/40
B5175-50A	50	14/20
B5175-50B	50	19/22
B5175-50C	50	24/25
B5175-50D	50	24/40
B5175-100A	100	14/20
B5175-100B	100	19/22
B5175-100C	100	24/25
B5175-100D	100	24/40
B5175-100E	100	29/26
B5175-100F	100	29/42
B5175-200A	200	14/20
B5175-200B	200	19/22
B5175-200C	200	24/25
B5175-200D	200	24/40
B5175-200E	200	29/26

Cat. No.	Capacity (ml)	Joints
B5175-200F	200	29/42
B5175-500A	500	24/25
B5175-500B	500	24/50
B5175-500C	500	29/26
B5175-500D	500	29/42
B5175-1000A	1000	24/40
B5175-1000B	1000	29/26
B5175-1000C	1000	29/42
B5175-2000A	2000	24/40
B5175-2000B	2000	29/42

BURET

CONDENSER



Liebig, Sealed Inner Tube

B3110

Condenser that can be used for distillation and extraction.

Cat. No.	Top Joint	Bottom Joint
B3110-41	41 x 200	345

Leibig

B3150

Cat. No.	Top Joint	Bottom Joint	Jacket Length (mm)
B3150-10	14/20	14/20	110
B3150-20	14/20	14/35	110
B3150-30	19/22	19/22	110
B3150-40	19/22	19/38	110
B3150-50	24/40	24/40	200
B3150-60	24/40	24/40	250
B3150-70	24/40	24/40	300
B3150-80	24/40	24/40	400
B3150-90	24/40	24/40	500
B3150-100	24/40	24/40	600
B3150-110	29/42	29/42	200
B3150-120	29/42	29/42	250
B3150-130	29/42	29/42	300
B3150-140	29/42	29/42	400
B3150-150	29/42	29/42	500
B3150-160	29/42	29/42	600

Leibig, Drip Tip, Inner Joint

B3255

Cat. No.	Joint (Inner)	Rubber Stopper No.	Approx. Jacket O.D. X Length
B3255-101	24/40	3	41 x 400
B3255-102	24/40	3	41 x 500

Cold Finger

B3200

Cat. No.	Length below bulb (mm)	Outside diameter of Jacket (mm)
B3200-11	100	18
B3200-13	150	22

Cat. No.	Length below bulb (mm)	Outside diameter of Jacket (mm)
B3200-15	150	28
B3200-17	200	28
B3200-19	200	32
B3200-21	250	32
B3200-23	300	38

Cool Coil

B3250

Cat. No.	Joint	Length of Jacket (mm)
B3250-2	24/40	200
B3250-4	24/40	250
B3250-6	24/40	300
B3250-8	24/40	400
B3250-10	24/40	500
B3250-12	24/40	200
B3250-14	29/42	250
B3250-16	29/42	300
B3250-18	29/42	400
B3250-20	29/42	500

Graham, Outer Joint

B3300

Cat. No.	Joint Size (outer)	Approx. Jacket O.D. X Length (mm)	Approx. Height (mm)
B3300-19	19/38	41 x 200	350
B3300-24	24/40	41 x 300	450

Fredericks, Drip Tip, Inner and Outer Joints

B3350

Cat. No.	Approx. O.D. X Length (mm)	Joint Size (inner)	Joint Size (outer)
B3350-24	50 x 325	24/40	24/40

CONNECTING BULBS



Kjeldahl, Connecting, Bulb Type

B2015

These bulbs have a curved inner tube sealed to the upper arm.

Cat. No.	Diameter of Bulb (mm)	Approx. Tube Size (mm)	
		Upper	Lower
B2015-48	48	12	9
B2015-65	65	12	9

Kjeldahl, Connecting, Cylindrical Type

B2030

These bulbs have two curved inner tubes sealed at the top and bottom to reduce the chance of an entrained sample being carried into manifold. The lower inside tube has an opening near the seal to permit trapped condensate to drain into the flask.

Cat. No.	Approx. Tube Size (mm)		Approx. Body
	Upper	Lower	O.D. X Length (mm)
B2030-46	12	12	46 x 100
B2030-54	12	12	54 x 100

Full Length, Kjeldahl

B2040

Medium wall delivery tube is 150mm long and angled at 75°. Spherical avoids from carryover.

Cat. No.	Joint	Tubing O.D. mm
B2040-24	24/40	8
B2040-42	29/42	8

CYLINDERS

Hydrometer Jar

B3450

With heavy wall construction.

Cat. No.	Capacity (ml)	Approx. O.D. X Height (mm)
B3450-100	100	29 x 254
B3450-250	250	39 x 340
B3450-300	300	39 x 381
B3450-500	500	50 x 390
B3450-1000	1000	64 x 465
B3450-2000	2000	83 x 520

DISPENSER



B3500

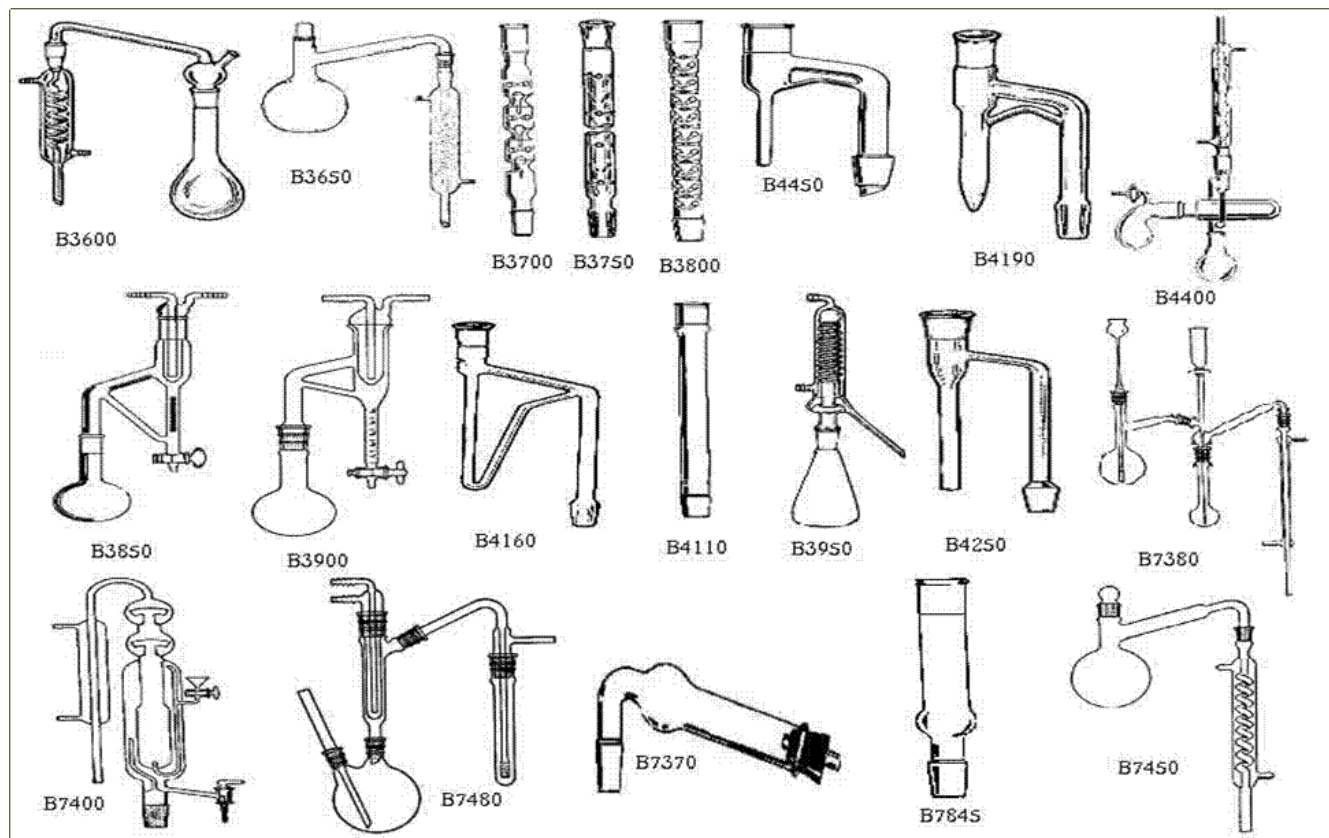
Dispenser, Tilting

B3500

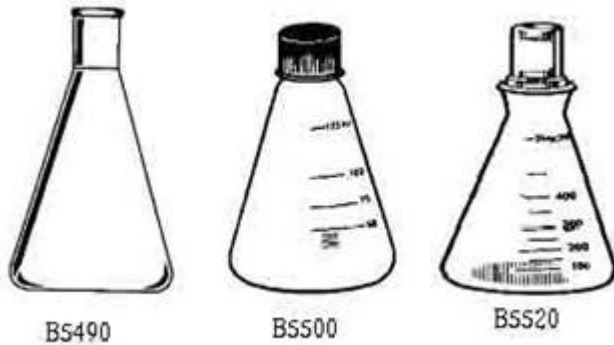
Cat. No.	Capacity (ml)	Joint Size	Reservoir Flask Capacity (ml)	Approx. Flask Height (mm)
B3500-2	2	0	200	140
B3500-5	5	0	250	145

Cat. No.	Capacity (ml)	Joint Size	Reservoir Flask Capacity (ml)	Approx. Flask Height (mm)
B3500-10	10	0	500	188
B3500-15	15	0	500	188
B3500-20	20	0	1000	230
B3500-25	25	0	1000	230
B3500-30	30	0	1000	230
B3500-50	50	0	2000	290
B3500-60	60	0	2000	290
B3500-100	100	0	2000	290

DISTILLING APPARATUS



ERLENMEYER FLASK



Erlenmeyer, Outer Joint

B5490

Cat. No.	Capacity (ml)	Joints
B5490-5A	5	14/20
B5490-5B	5	19/22
B5490-10A	10	14/20
B5490-10B	10	19/22
B5490-15A	15	14/20
B5490-15B	15	19/22
B5490-25A	25	14/20
B5490-25B	25	19/22
B5490-50A	50	24/40
B5490-50B	50	29/42
B5490-100A	100	14/20
B5490-100B	100	19/22
B5490-125A	125	14/20
B5490-125B	125	19/22
B5490-200A	200	24/40
B5490-200B	200	29/42
B5490-250A	250	24/40
B5490-250B	250	29/42

Cat. No.	Capacity (ml)	Joints
B5490-300A	300	24/40
B5490-300B	300	49/42
B5490-500A	500	24/40
B5490-500B	500	29/42
B5490-1000A	1000	24/40
B5490-1000B	1000	29/42
B5490-1000C	1000	24/40
B5490-1000D	1000	29/42
B5490-2000A	2000	34/45
B5490-2000B	2000	45/50
B5490-2000C	2000	24/40
B5490-2000D	2000	29/42

Erlenmeyer, Screw Cap, Graduated

B5500

With phenolic screw caps that are ideal for culturing, mixing and storing media. Flasks are graduated.

Cat. No.	Capacity (ml)	G.P.I. Thread Finish	Grad. Range (ml)	Grad. Interval (ml)	Approx. O.D. X Height (mm)
B5500-50	50	24-410	20-50	10	50 x 78
B5500-125	125	24-410	50-125	25	68 x 105
B5500-250	250	38-340M	50-200	25	81 x 135
B5500-500	500	38-430M	100-500	50	102 x 186
B5500-1000	1000	38-430M	250-1000	50	128 x 218

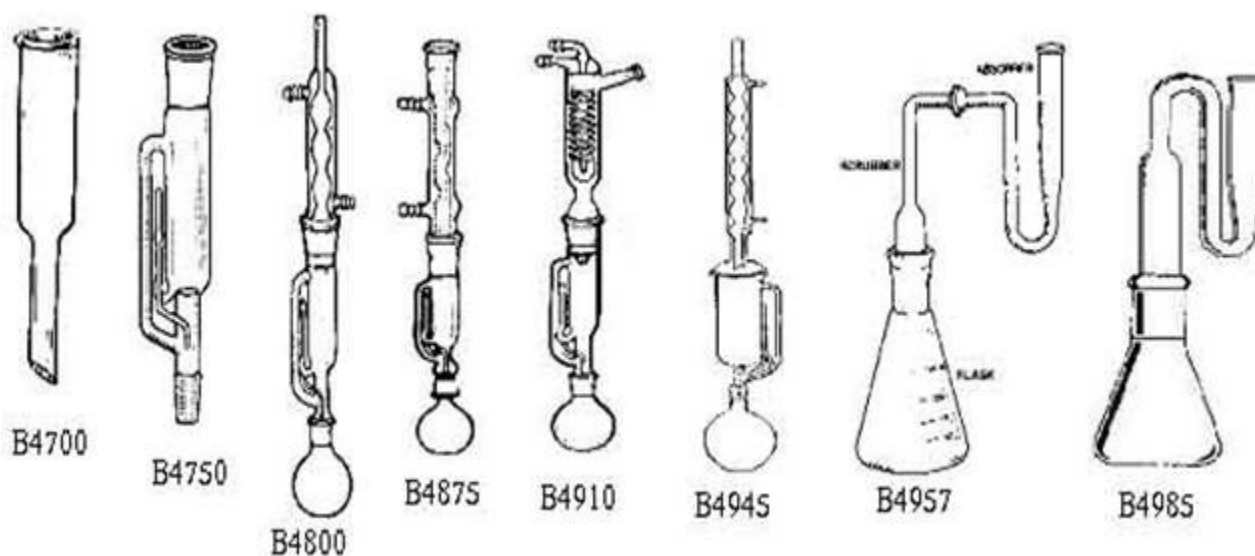
Erlenmeyer, Narrow Mouth, Stopper, Graduated

B5520

For convenience, these flasks are graduated to show approximate capacity.

Cat. No.	Description	Capacity (ml)	Approx. O.D. X Height (mm)	Stopper No.
B5520-25	Complete	25	40 x 92	16
B5520-50	Complete	50	48 x 101	19
B5520-125	Complete	125	68 x 136	22
B5520-250	Complete	250	81 x 171	27
B5520-500	Complete	500	101 x 215	32

EXTRACTION APPARATUS



Butt Tube

B4700

Cat. No.	Body I.D. x Length (mm)	Stem O.D. (mm)
B4700-32	32 x 230	16

Soxhlet, F Joints

B4750

Cat. No.	Capac. To Top of Siphon (ml)	F Joint Size Inner	F Joint Size Outer	Approx. Height (mm)	Approx. Siphon to Plate (mm)	Chamber ID x Height (mm)
B4750-50	50	24/40	34/45	295	62	29 x 130
B4750-100	100	24/40	45/50	303	80	38 x 130

Cat. No.	Capac. To Top of Siphon (ml)	Joint Size Inner	Joint Size Outer	Approx. Height (mm)	Approx. Siphon to Plate (mm)	Chamber ID x Height (mm)
B4750-200	200	24/40	55/50	350	113	47 x 170
B4750-500	500	29/42	71/60	430	130	64 x 220

Aliihn Condenser

B4800

Cat. No.	Description	Capacity (ml)	ID Body Length (mm)	Extractor Joint Size Inner (bottom)	Extractor Joint Size Outer (top)	Approx. Height (mm)
B4800-125	Complete	125	27 x 192	24/40	34/45	655
B4800-250	Complete	250	37 x 250	24/40	45/50	711
B4800-500	Complete	500	46 x 305	24/40	55/50	803
B4800-1000	Complete	1000	64 x 319	29/42	71/60	880

Micro, West Condenser, Joints

B4875

Cat. No.	Description	Capacity to Top of Siphon (ml)	ID x body (mm)	Length Approx. Height (mm)
B4875-10	Complete	10	16 x 100	358

Friedrichs Condenser, Joints

B4945

Cat. No.	Description	Approx. ID Extractor (mm)	Extractor Capacity to top of Siphon (ml)	Flask	Flask Capacity (ml)
B4945-1000	Complete	70	500	29/42	1000
B4945-3000	Complete	100	1500	29/42	3000
B4945-12000	Complete	145	5000	55/50	12000

Soxhlet, Extra Large

B4910

Cat. No.	Description	Capacity (ml)	ID x Body Length (mm)	Joint Size Inner	Joint Size Outer	Approx. Height (mm)
B4910-250	Complete	250	40 x 205	24/40	45/50	665
B4910-500	Complete	500	50 x 250	24/40	55/50	725

Arsine Generator

B4957

Cat. No.	Description
B4957-10	Arsine generator, complete
B4957-10	Absorber only
B4957-10	Scrubber only
B4957-10	Clamp Polyacetyl

Improved

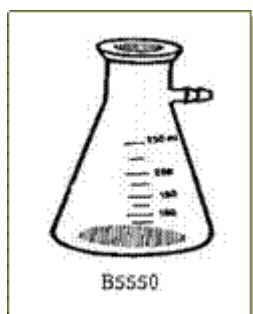
B4985

Cat. No.	Description
B4985-10	Complete
B4985-20	Scrubber/Absorber
B4985-30	Glass beads
B4985-40	Erlenmeyer Flask, 125 ml

FILTERING FLASK

Filtering, Heavy Wall, Tubulation, Graduated

B5550

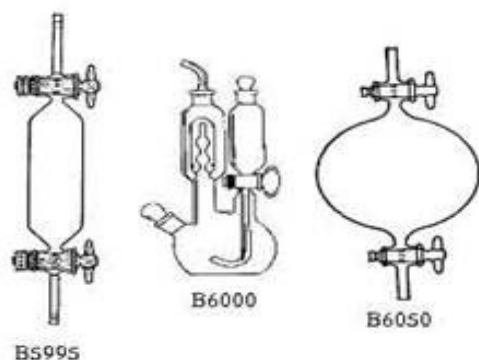


Flasks are graduated to show approximate capacity.

Cat. No.	Capacity (ml)	Grad Range (ml)	Grad. Interval (ml)	Rubber Stopper No.	Approx. OD x Height
B5550-250		75-250	25	6	84 x 146
B5550-500		150-500	50	7	106 x 184
B5550-1000		300-1000	50	8	137 x 238
B5550-2000		600-2000	200	9	168 x 292
B5550-4000		1500-4000	500	12	198 x 356

FUNNEL

GAS



Gas Apparatus, Schroetter Alkalimeter

B6000

For carbon dioxide determinations.

Cat. No.	Description
B6000-10	Complete Apparatus with 2 stoppers And Outlet Adapter

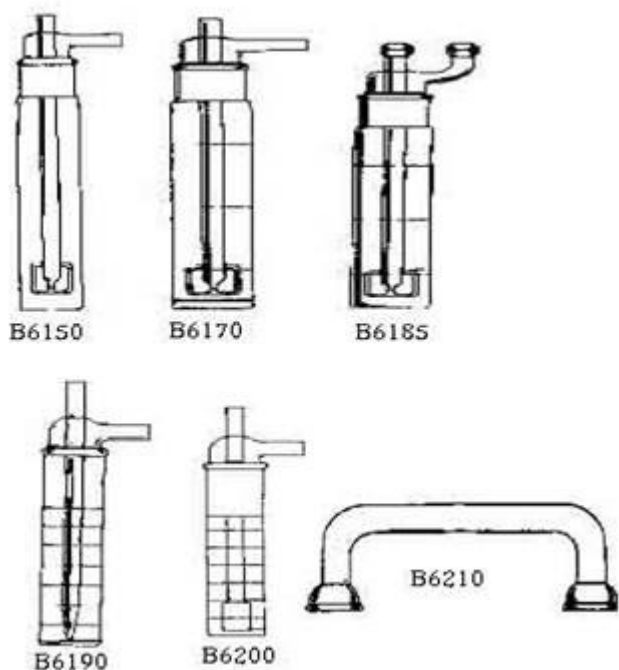
Gas Sampling Flask

B6050

For carbon dioxide determinations. Sealed apparatus has a special flask with a stopper on the side. Unit also has sealed-on funnel with glass stopcock and stopper. A sealed-on absorption bulb with an outlet adapter completes the assembly.

GAS WASHING BOTTLE

IMPINGERS



Impinger, Ungraduated, with Plate

B6150

For determination of dust concentration in air or other gases by high velocity impingement separation. The capacity of the bottle is 500ml. The inlet and outlet arms are finished plain.

Cat. No.	Joint	Approx. O.D. X Height (mm)
B6150-45	45/50	57 x 341

Impinger, Graduated, with Plate

B6170

For determination of dust concentration in air or other gases by high velocity impingement separation. Graduation at 100, 250, and 500 ml.

Cat. No.	Joint	Approx. O.D. X Height (mm)
B6170-45	45/50	57 x 382

Impinger, Ungraduated, with Plate

B6185

For determination of dust concentration in air or other gases by high velocity impingement separation. Graduation at 100, 250, and 500 ml. Arms of the inlet and outlet tubes are equipped with ball joints.

Cat. No.	Joint	Capacity (ml)	Approx. bottle O.D. X Height (mm)
B6185-25	24/40	25	25 x 130
B6185-30	24/40	30	24 x 130

Midget Impinger, Graduated

B6190

In 5ml subdivisions. Used to collect samples of pollutants in air. Particularly suitable for determinations of sulfur dioxide.

Cat. No.	Joint	Capacity (ml)	Approx. Bottle O.D. X Height (mm)
B6190-25	24/40	25	25 x 130
B6190-30	24/40	30	25 x 130

Midget Impinger, Graduated, Fritted Inlet Tube

B6200

In 5ml subdivisions. Used to collect samples of pollutants in air. Particularly suitable for determinations of sulfur dioxide.

Cat. No.	Joint	Capacity (ml)	Approx. O.D. X Height (mm)
B6200-25	25	24/40	25 x 163
B6200-30	30	24/40	25 x 163

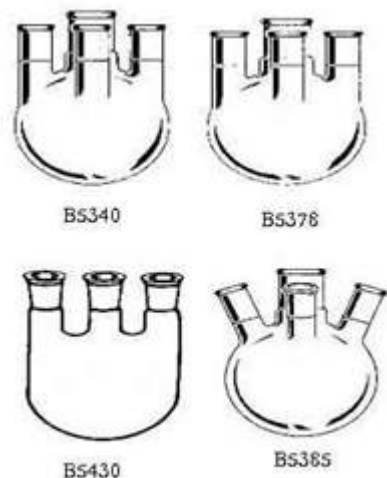
Impinger Connector

B6210

Cat. No.	Joint	Approx. Width x Height (mm)
B6210-10	12(5)	48 x 30
B6210-20	18/9	76 x 50
B6210-30	28/15	88 x 55

MULTIPLE FLASK

B5340



Round Bottom, Four-Neck, Outer Joints

B5340

With center neck and three side necks. The side are 90° apart. All necks are vertical.

Cat. No.	Capacity (ml)	Center Neck Joint	Side Neck Joint
B5340-250A	250	24/40	24/40
B5340-250B	250	29/42	24/40
B5340-250C	250	29/42	29/42
B5340-250D	250	34/45	24/40
B5340-250E	250	34/45	29/42
B5340-250F	250	45/50	24/40
B5340-250G	250	45/50	29/42
B5340-300A	300	24/40	24/40
B5340-300B	300	29/42	24/40
B5340-300C	300	29/42	29/42
B5340-300D	300	34/45	24/40

Cat. No.	Capacity (ml)	Center Neck Joint	Side Neck Joint
B5340-300E	300	34/45	29/42
B5340-300F	300	45/50	24/40
B5340-300G	300	45/50	29/42
B5340-500A	500	24/40	24/40
B5340-500B	500	29/42	24/40
B5340-500C	500	29/42	29/42
B5340-500D	500	34/45	24/42
B5340-500E	500	34/45	29/42
B5340-500F	500	45/50	24/40
B5340-1000A	1000	45/40	29/42
B5340-1000B	1000	24/40	24/40
B5340-1000C	1000	29/42	24/40
B5340-1000D	1000	29/42	29/42
B5340-1000E	1000	34/45	24/40
B5340-2000A	2000	34/45	29/42
B5340-2000B	2000	45/40	24/40
B5340-2000C	2000	45/50	29/42
B5340-2000D	2000	24/40	24/40
B5340-2000E	2000	29/42	24/40
B5340-2000F	2000	34/45	29/42
B5340-2000G	2000	34/45	24/40
B5340-3000A	3000	34/45	29/42
B5340-3000B	3000	45/50	24/40
B5340-3000C	3000	45/40	29/42
B5340-3000D	3000	34/45	29/42
B5340-3000E	3000	34/45	24/40
B5340-3000F	3000	45/50	29/42
B5340-3000G	3000	45/50	24/40
B5340-5000A	5000	24/40	24/40
B5340-5000B	5000	29/42	24/40
B5340-5000C	5000	29/42	29/42
B5340-5000D	5000	34/45	24/40
B5340-5000E	5000	34/45	29/42
B5340-5000F	5000	45/50	24/40

Cat. No.	Capacity (ml)	Center Neck Joint	Side Neck Joint
B5340-5000G	5000	45/50	29/42
B5340-5000H	5000	55/50	24/40
B5340-5000I	5000	55/50	29/42

Four-Neck, Round Bottom, Heavy Wall, Vertical Side Necks

B5378

With heavy wall.

Cat. No.	Capacity (ml)	Center Neck Joint	Side Neck Joint
B5378-250	250	24/40	24/40
B5378-500A	500	29/42	24/40
B5378-500B	500	29/42	29/42
B5378-500C	500	34/45	24/40
B5378-500D	500	34/45	29/42
B5378-500E	500	45/50	24/40
B5378-1000A	1000	45/50	29/42
B5378-1000B	1000	24/40	24/40
B5378-1000C	1000	29/42	24/40
B5378-1000D	1000	29/42	29/42
B5378-1000E	1000	34/45	24/40
B5378-1000F	1000	34/45	29/42
B5378-1000G	1000	45/50	24/40
B5378-2000A	2000	45/50	29/42
B5378-2000B	2000	24/40	24/40
B5378-2000C	2000	29/42	24/40
B5378-2000D	2000	29/42	29/42
B5378-2000F	2000	34/45	29/42
B5378-2000G	2000	45/50	24/40
B5378-3000A	3000	45/50	29/42
B5378-3000B	3000	24/40	24/40
B5378-3000C	3000	29/42	24/40
B5378-3000D	3000	29/42	29/42

Cat. No.	Capacity (ml)	Center Neck Joint	Side Neck Joint
B5378-3000E	3000	34/45	24/40
B5378-3000F	3000	34/45	29/42
B5378-3000G	3000	45/50	24/40
B5378-5000A	5000	45/50	29/42
B5378-5000B	5000	24/40	24/40
B5378-5000C	5000	29/42	24/40
B5378-5000D	5000	24/40	24/40
B5378-5000E	5000	29/42	24/40
B5378-5000F	5000	29/42	29/42
B5378-5000G	5000	34/45	24/40
B5378-5000H	5000	34/45	29/42
B5378-5000I	5000	45/50	24/40

**Round Bottom, Four-Necks, Outer Joints
B5385**

Cat. No.	Capacity (ml)	Center Neck Joint	Side Neck Joint
B5385-25	25	24/40	24/40
B5385-50	50	29/42	24/40
B5385-100	100	29/42	29/42
B5385-250A	250	34/45	24/40
B5385-250B	250	34/45	29/42
B5385-250C	250	45/50	24/40
B5385-250D	250	45/50	29/42
B5385-250E	250	24/40	24/40
B5385-250F	250	29/42	24/40
B5385-250G	250	29/42	29/42
B5385-250H	250	34/45	24/40
B5385-300A	300	34/45	29/42
B5385-300B	300	45/50	24/40
B5385-300C	300	45/50	29/42
B5385-300D	300	24/40	24/40
B5385-300E	300	29/42	24/40
B5385-300F	300	29/42	29/42
B5385-300G	300	34/45	24/40

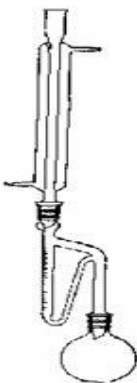
Cat. No.	Capacity (ml)	Center Neck Joint	Side Neck Joint
B5385-500A	500	34/45	29/42
B5385-500B	500	45/50	24/40
B5385-500C	500	45/40	29/42
B5385-500D	500	24/40	24/40
B5385-500E	500	29/42	24/40
B5385-500F	500	34/45	24/40
B5385-500G	500	34/45	29/42
B5385-500H	500	45/50	24/40
B5385-1000A	1000	45/50	29/42
B5385-1000B	1000	24/40	24/40
B5385-1000C	1000	29/42	24/40
B5385-1000D	1000	29/42	29/42
B5385-1000E	1000	34/45	24/40
B5385-1000F	1000	34/45	29/42
B5385-1000G	1000	45/40	24/40
B5385-2000A	2000	45/40	29/42

Distilling, Three Necks, Vertical Type, 24/40 $\overline{\text{F}}$ Joints B5430

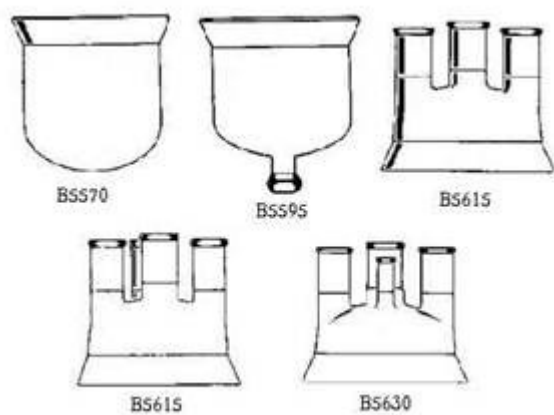
The three neck are the same height. Each neck has 24/40 $\overline{\text{F}}$ Joint.

PETROLEUM APPARATUS

B6240



REACTION FLASK



Flask Body, Reaction, Cylindrical

B5570

Flask has an inside diameter of 4 inches (approx. 100 mm) and round bottom. Top is finely ground to provide for a leak-resistance fit with cover.

Cat. No.	Capacity (ml)	Approx. O.D. x Height (mm)
B5570-500	500	135 x 118
B5570-1000	1000	135 x 175
B5570-1500	1500	135 x 205
B5570-2000	2000	135 x 285
B5570-3000	3000	135 x 400

Reaction, Cylindrical

B5595

Cat. No.	Capacity (ml)	Approx. Height (mm)
B5595-500	500	110

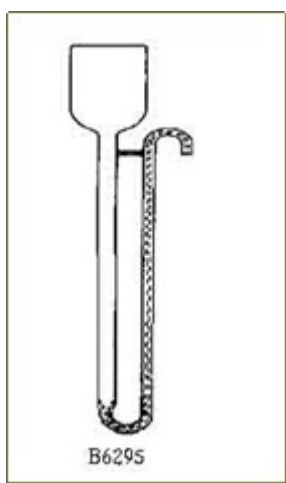
Cat. No.	Capacity (ml)	Approx. Height (mm)
B5595-1000	1000	175
B5595-1500	1500	240
B5595-2000	2000	285
B5595-3000	3000	400

Cover, Reaction Flask, Three-Neck B5615

All necks have full length outer joint. The inside diameter bottom cover is 4 inches, and this end is tooled to obtain a thickened outwardly tapered portion with a flat bottom. Bottom is finely ground for a leak-resistant fit with a flask.

Cat. No.	Center Neck Joint	Side Neck Joint	Approx. O.D. X Height (mm)
B5615-10	24/40	24/40	135 x 125
B5615-20	29/42	24/40	135 x 130
B5615-30	29/42	29/42	135 x 120

REDUCTION COLUMN B6295



Separatory, Globe Shape, Stopper, Stopcocks B5895

Cat. No.	Capacity (ml)	Stopper No.	Stopcock Plug Size	Approx. O.D. Length of Stem below Stopcock (mm)	Approx. Total Length (mm)
B5895-125	125	22	2	10 x 175	328
B5895-250	250	22	2	10 x 175	357
B5895-500	500	27	4	10 x 175	381
B5895-1000	1000	27	4	10 x 175	414
B5895-2000	2000	38	6	12 x 130	454
B5895-4000	4000	38	8	14 x 130	521

Separator, Cylindrical, Stopper, Teflon Stopcock Plug

B5910

Cat. No.	Capacity (ml)	Stopper No.	Stopcock Plug Size	Approx. O.D. Length of Stem below Stopcock (mm)	Approx. Total Length (mm)
B5910-60	60	16	2	10 x 65	255
B5910-125	125	22	2	10 x 65	315
B5910-250	250	22	2	10 x 65	340
B5910-500	500	27	4	10 x 65	390
B5910-1000	1000	27	4	10 x 65	490

Addition, Cylindrical, Pressure Equalizing, with PTFE Plug

B5950

Cat. No.	Capacity (ml)	Joint	Stopcock Size
B5950-10A	10	14/20	2
B5950-10B	10	19/22	2
B5950-25A	25	14/20	2
B5950-25B	25	19/22	2
B5950-50A	50	14/20	2
B5950-50B	50	19/22	2
B5950-60A	60	24/40	22
B5950-60B	60	14/20	2
B5950-60C	60	19/22	2
B5950-125A	125	24/40	2
B5950-250A	250	24/40	2

Cat. No.	Capacity (ml)	Joint	Stopcock Size
B5950-500A	500	24/40	4
B5950-500B	500	29/42	4
B5950-1000A	1000	24/40	4
B5950-1000B	1000	29/42	4

Addition, Cylindrical, Joints and PTFE Plug

B5960

Squibb, Separatory, Pear Shaped, Stopped, Stopper

B5975

Cat. No.	Capacity (ml)	Stopper No.	Stopcock Plug Size	Body O.D. (mm)	Approx. O.D. Length of Stem below Stopcock (mm)	Approx. Total Length (mm)
B5975-30	30	9	2	40	10 x 65	216
B5975-60	60	16	2	55	10 x 65	231
B5975-125	125	22	2	60	10 x 65	279
B5975-250	250	22	2	77	10 x 65	311
B5975-500	500	27	4	98	10 x 65	354
B5975-1000	1000	27	4	119	10 x 65	392
B5975-2000	2000	38	6	152	12 x 65	496
B5975-4000	4000	38	8	206	14 x 65	629
B5975-6000	6000	38	10	225	16 x 65	630

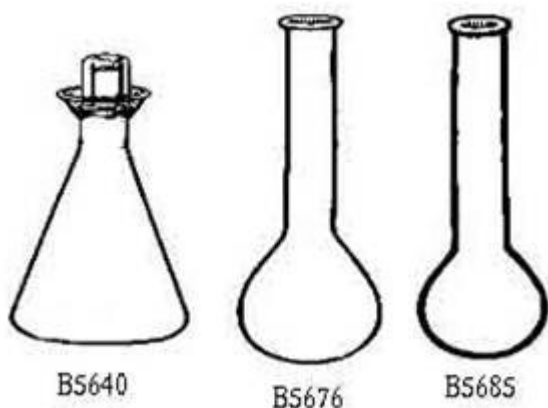
Squibb, Separatory, Pear Shaped, Protective Coating, Stopper, Teflon Stopcock

B5980

Cat. No.	Description	Capacity (ml)	Stopper No.	Stopcock Plug Size	Approx. O.D. Length of Stem below Stopcock (mm)	Approx. Total Length (mm)
B5980-250	Complete	125	22	2	10 x 65	280

Cat. No.	Description	Capacity (ml)	Stopper No.	Stopcock Plug Size	Approx. O.D. Length of Stem below Stopcock (mm)	Approx. Total Length (mm)
B5980-250	Complete	250	22	4	10 x 65	311
B5980-500	Complete	500	27	4	10 x 65	355
B5980-1000	Complete	1000	27	4	10 x 65	392
B5980-2000	Complete	2000	38	6	12 x 65	496

SPECIAL PURPOSE



Iodine Determination Stopper

B5640

Cat. No.	Capacity (ml)	Stopper No.	Approx. O.D. x Height (mm)
B5640-125	125	22	66 x 146
B5640-250	250	22	81 x 184
B5640-500	500	22	101 x 220

Kjeldahl, Round Bottom, Long Neck

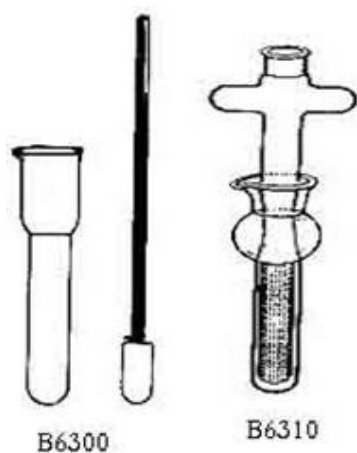
B5676

Cat. No.	Capacity (ml)	Stopper No.	Approx. O.D. x Height (mm)
B5676-100	100	2	55 x 210
B5676-300	300	5	79 x 298
B5676-500	500	6	101 x 324
B5676-800	800	7	117 x 365

Kjeldahl Micro, Round Bottom, Long Neck B5685

Cat. No.	Capacity (ml)	Stopper No.	Approx. O.D. x Height (mm)
B5685-30	30	0	40 x 180

TISSUE GRINDERS



Potter-Elvehjem, PTFE Pestle B6300

Pestle is PTFE and attached to a stainless steel shaft. Mortar is not ground and is precision formed. Homogenization occurs as the sample and buffer are forced through the cylindrical portion of the mortar as the pestle is rotated downward.

Cat. No.	Delivered	Effective Capacity (ml)	Shaft Diameter
B6300-5	Complete	0.5	3/16
B6300-10	Complete	1	3/16
B6300-15	Complete	3	3/16

Cat. No.	Delivered	Effective Capacity (ml)	Shaft Diameter
B6300-20	Complete	5	1/4
B6300-25	Complete	8	1/4
B6300-30	Complete	17	1/4
B6300-35	Complete	45	1/4
B6300-40	Mortar Only	0.5	
B6300-50	Mortar Only	1	
B6300-60	Mortar Only	3	
B6300-70	Mortar Only	5	
B6300-80	Mortar Only	8	
B6300-90	Mortar Only	17	
B6300-100	Mortar Only	45	
B6300-110	Pestle Only		3/16
B6300-115	Pestle Only		3/16
B6300-120	Pestle Only		3/16
B6300-125	Pestle Only		1/4
B6300-130	Pestle Only		1/4
B6300-135	Pestle Only		1/4
B6300-140	Pestle Only		1/4

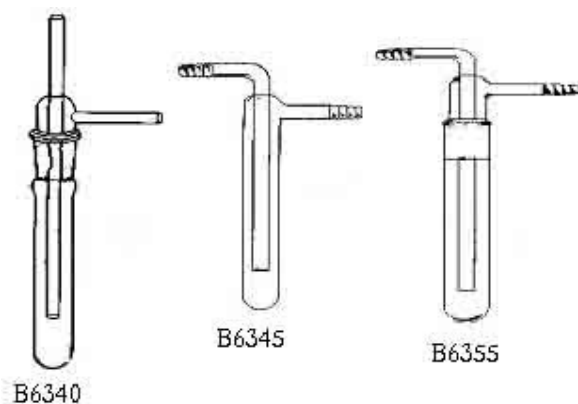
Ten Broeck, Homogenizer, Pour Spout

B6310

These grinders are designed for use in hand grinding small samples for pathological or biochemical studies. It may almost be motor driven at low speed form of friction release is provided. The mortar tubes and pestles are grounds to be interchangeable. Clearance between the two parts is approximately 0.15mm.

Cat. No.	Description	Size (ml)	Mortar Tube O.D. x Length (mm)	Pestle O.D. x Length (mm)	Bulb O.D. x Length (mm)	Ground Zone Length (mm)	Pestle Opening Stopper No.	Approx. Total Length
B6310-2	Complete	2	16 x 100	10.5 x 165	20	60	00	170
B6310-7	Complete	7	18 x 130	12.6 x 195	25	80	00	200
B6310-15	Complete	15	21 x 150	15.8 x 235	35	90	1	240
B6310-40	Complete	40	27 x 210	22.1 x 335	50	130	3	340

TRAPS



Vacuum, Separable, \bar{T} Joint

B6340

With a full length outer joint on the outer tube an inner joint on the inner tube. The top and side tabulations are the same O.D. as the center tube and have a length of 75mm.

Cat. No.	Description	O.D. x Length Below Joint		O.D. x Length Below Joint
		Inner	Outer	
B63410-10	Complete	28 x 200	10 x 175	29/42
B63410-20	Complete	32 x 225	13 x 200	34/45
B63410-30	Complete	38 x 250	16 x 225	40/50
B63410-40	Complete	42 x 250	20 x 225	45/50
B63410-50	Complete	48 x 250	20 x 225	50/50
B63410-60	Complete	52 x 250	20 x 225	55/50

One Piece, with Hose Connectors

B6345

Widely used to protect vacuum pumps from contamination. Usually used with liquid nitrogen to provide rapid condensation of volatiles.

Cat. No.	Body Outside Diameter x Height (mm)
B6345-25	25 x 200

Cat. No.	Body Outside Diameter x Height (mm)
B6345-35	35 x 250
B6345-45	45 x 275
B6345-51	51 x 300
B6345-70	70 x 325

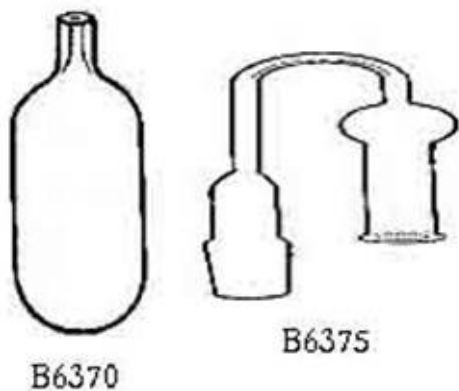
Two Piece, with Hose Connection.

B6355

Traps have joint to ease disassembly and allow cleaning/draining. Hose connectors provide a connection when using rubber tubing. Sidearms are 180° apart.

Cat. No.	Joint	Body O.D. x Height Below Joint (mm)
B6355-29	29/42	32 x 200
B6355-34	34/45	38 x 225
B6355-40	40/50	45 x 250
B6355-45	45/50	48 x 250
B6355-50	50/50	54 x 275
B6355-55	55/50	60 x 300
B6355-71	71/60	75 x 325

TUBES




Ramsbottom, Bulb, Carbon Residue

B6370

Used in determining carbon residue in petroleum products.

Cat. No.	Approx. O.D. x Body Length (mm)	Stem O.D. (mm)
B6370-15	24 x 57	8

B6735

Inverted from with the inner  joint at one end only, with a single bulb. The chamber is approximately 110 mm long including the bulb, 30 mm O.D. and will take a No. 2 rubber stopper.

Cat. No.	Joint Size	Approx. Bulb O.D. (mm)	Approx. Length (mm)
B6375-15	24/40	30	183

TUBES, COLOR COMPARISON

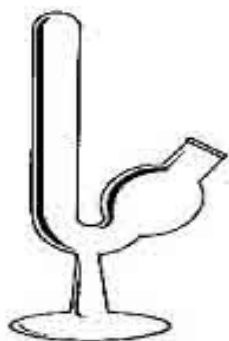
Color Comparison, Tall Form (unmatched)

B6380

With durable white graduations.

Cat. No.	Graduated at ml	Approx. O.D. x Height (mm)	Graduated Length (mm)
B6380-50	50	20 x 300	200 - 220
B6380-100	100	24 x 375	274 - 296
B6380-50-100	50-100	24 x 375	274 - 296

TUBES, FERMENTATION



B6400



B6410

Fermentation, with foot

B6400

Cat. No.	Evolution Chamber Tube O.D. (mm)	Evolution Chamber Length (mm)
B6400-10	13	100
B6400-20	17	140

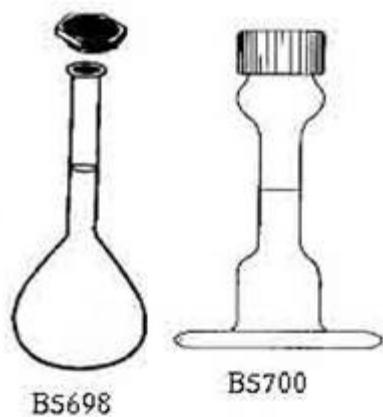
Filter

B6410

Cat. No.	Approx. ID x Length (mm)
B6410-10	24 x 150
B6410-20	27 x 150
B6410-30	32 x 160
B6410-40	36 x 160
B6410-50	44 x 160

PIPET

VOLUMETRIC FLASK



Volumetric, Student Grade, Snap-Cap

B5698

Cat. No.	Capacity (ml)	Tol \pm ml	Approx. O.D. x Height (mm)	Snap-Cap No.
B5698-10	10	0.04	29 x 78	10
B5698-25	25	0.06	40 x 100	25
B5698-50	50	0.1	51 x 130	50
B5698-100	100	0.16	60 x 160	100
B5698-250	250	0.24	78 x 225	250
B5698-500	500	0.4	100 x 259	500
B5698-1000	1000	0.6	125 x 310	1000
B5698-2000	2000	1	158 x 357	2000

Micro Volumetric Flask, Class A, Serialized with Threaded Neck and Cap

B5700

Cat. No.	Capacity (ml)	Tol \pm ml
B5700-1	1	0.01
B5700-2	2	0.015
B5700-3	3	0.015
B5700-5	5	0.020
B5700-10	10	0.020