



Multi-level removal funnels (Separators), Squibb, pear-shaped. Borosilicate glass 3.3, with PTFE-outlet valve. Permits rapid and selective withdrawal of single or multiple solvent layers, also take-off interface layer possible.

Capacity ml	ST	Screw thread GL	Complete	Without valve	Valve	Screw cap
100	19/26	32	2.636.100	2.636.110	2.636.200	2.636.400
250	29/32	32	2.636.250	2.636.125	2.636.200	2.636.400
500	29/32	32	2.636.500	2.636.150	2.636.200	2.636.400
1000	29/32	45	2.636.001	2.636.101	2.636.200	2.636.450
2000	29/32	45	2.636.002	2.636.102	2.636.300	2.636.450
4000	45/40	45	2.636.004	2.636.104	2.636.300	2.636.450
6000	45/40	45	2.636.006	2.636.106	2.636.300	2.636.450
10000	45/40	45	2.636.010	2.636.111	2.636.300	2.636.450



Separatory funnels, Squibb, pear-shaped. Borosilicate glass 3.3 with ST-PE-stopper.

1. With detachable PTFE-stopcock. Stem length 100 mm. Ungraduated.
2. With solid ST-stopcock plugs. Ungraduated.
3. With solid ST-stopcock plugs. Graduated.
4. With ST-PTFE-stopcock plugs. Ungraduated.
5. With ST-PTFE-stopcock plugs. Graduated.

Capacity ml	ST	Bore of plug mm	1.	2.	3.	4.	5.
50	19/26	2.5	2.626.050	2.647.050	2.648.050	2.658.050	2.659.050
100	19/26	2.5	2.626.100	2.647.100	2.648.100	2.658.100	2.659.100
250	29/32	2.5	2.626.250	2.647.250	2.648.250	2.658.250	2.659.250
500	29/32	2.5	2.626.500	2.647.500	2.648.500	2.658.500	2.659.500
1000	29/32	2.5	2.626.001	—	—	—	—
1000	29/32	4	—	2.647.001	2.648.001	2.658.001	2.659.001
2000	29/32	6.3	—	2.647.002	2.648.002	2.658.002	2.659.002

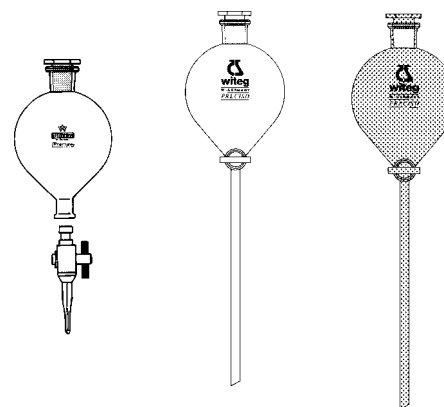
Separatory funnel amber glass * .***.*** BR

Separatory funnels, globe (ball) -shaped. Borosilicate glass 3.3, with ST-PE-stopper. Ungraduated.

1. With detachable PTFE-stopcock. Stem length 100 mm. Bore of plug 2.5 mm.
2. With solid ST-stopcock plugs.
3. With ST-PTFE-stopcock plugs.

Capacity ml	ST	Bore of plug mm	1.	2.	3.
50	19/26	2.5	2.620.050	2.640.050	2.650.050
100	19/26	2.5	2.620.100	2.640.100	2.650.100
250	29/32	2.5	2.620.250	2.640.250	2.650.250
500	29/32	2.5	2.620.500	2.640.500	2.650.500
1000	29/32	2.5	2.620.001	—	—
1000	29/32	4	—	2.640.001	2.650.001
2000	29/32	6.3	—	2.640.002	2.650.002

Separatory funnel amber glass * .***.*** BR



Separatory funnels, Gilson. Borosilicate glass 3.3, with ST-PE-stopper. Ungraduated.

1. With solid ST-stopcock plugs.
2. With ST-PTFE-stopcock plugs.

Capacity ml	ST	Bore of plug mm	1.	2.
50	19/26	2.5	2.642.050	2.652.050
100	19/26	2.5	2.642.100	2.652.100
250	29/32	2.5	2.642.250	2.652.250
500	29/32	2.5	2.642.500	2.652.500
1000	29/32	4	2.642.001	2.652.001
2000	29/32	6.3	2.642.002	2.652.002



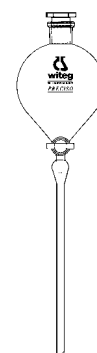


Separatory funnels acc. to Walter. Borosilicate glass 3.3, with ST-PE-stopper. Ungraduated.

1. With solid ST-stopcock plugs.
2. With ST-PTFE-stopcock plugs.

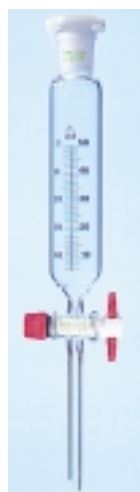
Capacity ml	ST	Bore of plug mm	1.	2.
50	19/26	2.5	2.646.050	2.656.050
100	19/26	2.5	2.646.100	2.656.100
250	29/32	2.5	2.646.250	2.656.250
500	29/32	2.5	2.646.500	2.656.500
1000	29/32	4	2.646.001	2.656.001
2000	29/32	6.3	2.646.002	2.656.002

Separatory (dropping) funnels with/without pressure equalizing see page 19

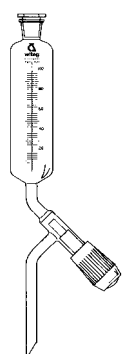


Separatory funnels, cylindrical, Borosilicate glass 3.3, with ST-PE-stopper.

1. With detachable PTFE-stopcock. DIN 12566. Bore of plug 2.5 mm, stem length 100 mm.
2. With solid ST-stopcock plugs.
3. With ST-PTFE-stopcock plugs.



Capacity ml	ST	Bore of plug mm	1.	2.	3.
Graduated					
50:1	19/26	2.5	2.624.050	2.645.050	2.655.050
100:2	19/26	2.5	2.624.100	2.645.100	2.655.100
250:5	29/32	2.5	2.624.250	2.645.250	2.655.250
500:10	29/32	2.5	2.624.500	2.645.500	2.655.500
1000:20	29/32	2.5	2.624.001	–	–
1000:20	29/32	4	–	2.645.001	2.655.001
2000:50	29/32	6.3	–	2.645.002	2.655.002
Ungraduated					
50	19/26	2.5	2.622.050	2.644.050	2.654.050
100	19/26	2.5	2.622.100	2.644.100	2.654.100
250	29/32	2.5	2.622.250	2.644.250	2.654.250
500	29/32	2.5	2.622.500	2.644.500	2.654.500
1000	29/32	2.5	2.622.001	–	–
1000	29/32	4	–	2.644.001	2.654.001
2000	29/32	6.3	–	2.644.002	2.654.002



Separatory funnels, cylindrical, graduated, with needle valve stopcock, with PTFE-needle valve, blue. Borosilicate glass 3.3.

1. Cylindrical
2. Squibb type

Capacity ml	ST	Bore of plug mm	1.	2.
50	19/26	3	2.643.050	2.649.105
100	19/26	3	2.643.100	2.649.110
250	29/32	3	2.643.250	2.649.125
500	29/32	6	2.643.500	2.649.150
1000	29/32	6	2.643.001	2.649.200
2000	29/32	6	2.643.002	2.649.300

Separatory funnels, amber glass (DURAN/Borosilicate glass coloured). Please add behind the referring article-No. *,**,*BR.

Extraction funnels for Shakers, with PTFE-needle valve, with filler pipe GL 45, center neck GL 45, DURAN

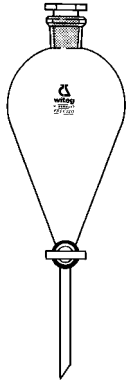
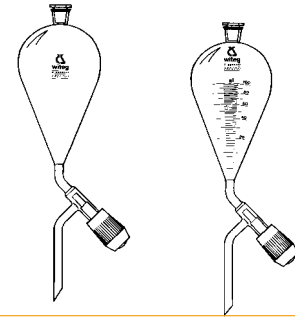
Capacity ml	
1000	2.680.101
2000	2.680.102





Separatory funnels, conical . DURAN with needle valve and ST-PE-stoppers.

Capacity ml	ST	Bore of plug mm	Ungraduated	Graduated
50	19/26	3	2.675.050	2.676.050
100	19/26	3	2.675.100	2.676.100
250	29/32	3	2.675.250	2.676.250
500	29/32	3	2.675.500	2.676.500
1000	29/32	6	2.675.001	2.676.001
2000	29/32	6	2.675.002	2.676.002



Separatory funnels, DIN 12451 conical. DURAN. With ST-PE-stopper.

1. With solid ST-stopcock plugs, ungraduated.
2. With ST-PTFE-stopcock plugs, ungraduated.
3. With solid ST-stopcock plugs, graduated.
4. With ST-PTFE-stopcock plugs, graduated.

Capacity ml	ST	Bore of plug mm	1.	2.	3	4.
50	19/26	2.5	2.671.050	2.673.050	2.672.050	2.674.050
100	19/26	2.5	2.671.100	2.673.100	2.672.100	2.674.100
250	29/32	4	2.671.250	2.673.250	2.672.250	2.674.250
500	29/32	4	2.671.500	2.673.500	2.672.500	2.674.500
1000	29/32	6.3	2.671.001	2.673.001	2.672.001	2.674.001
2000	29/32	6.3	2.671.002	2.673.002	2.672.002	2.674.002

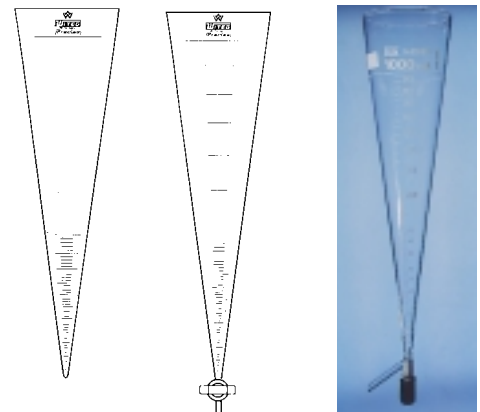
Separatory funnels, crystal clear, graduated. PMP.

Capacity ml	
500:5	7.050.003



Separatory funnel holder. PP. For separatory funnel 125-500 ml. With retort clamps, 8-14 mm.

7.052.001



Sedimentation cones Imhoff, DIN 12672, 1000 ml capacity, graduated.

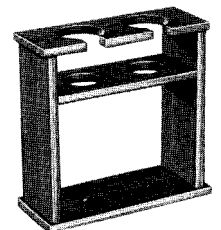
0-2 ml: 0,1 ml, 2-10 ml: 0,5 ml, 10-40 ml: 1 ml, 40-100 ml: 2 ml. "New version with needle valve."

	Without stopcock	With ST-stopcock	With needle valve
With mark at 1000 ml	2.930.000	2.932.000	—
100-1000 ml: 50 ml	2.934.000	2.936.000	2.936.100
Made of SAN, with closure stopper, 100-1000 ml: 50 ml	2.938.000	—	

Wooden stand for sedimentation cone, Imhoff

2 places	2.939.000
4 places	2.939.001

Stand, made of SAN 150 x 300 x 294 mm 7.052.056





Set of 3 pipettes, Winkler, 3 different colours (white, blue, red), 5 ml capacity, with mark at 0, 1, 2 and 3 ml.

2.912.000



ASTM-centrifuge tubes, DURAN, 100 ml.

Graduation
ml

Cylindrical with conical bottom,

acc. to ASTM D 91 and 4.955.010

ASTM D 96, 8 in.

0-0.5:0.05

0.5-2:0.10

2-3:0.20

3-5:0.5

5-10:1

10-25:5

25-100:25

Pear-shape, with cylindrical bottom,

acc. to ASTM D 96

4.956.010

0-1.5:0.1

1.5-3:0.5

3.0-5.0:0.5

5.0-10.0:1

10-25:5

25-100:25

Cylindrical with conical bottom,

acc. to ASTM D 96, 6 in.

4.957.010

0-0.5:0.05

0.5-2:0.10

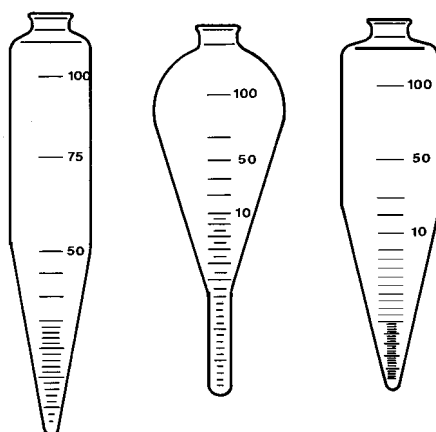
2-3:0.20

3-5:0.5

5-10:1.0

10-25:5

With marks at 50 und 100 ml



Centrifuge tubes, conical. Standard pack 100 pcs. Wall thickness 0.8-1 mm. Graduation white.

Rim	Dia. x H mm	Glass	
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Graduated 10:0.1 ml, with mark at 15 ml

without rim	17 x 112	AR	4.870.001
without rim	17 x 112	DURAN	4.870.002
with rim	17 x 112	AR	4.870.004
with rim	17 x 112	DURAN	4.870.005

Graduated 15:0.1 ml

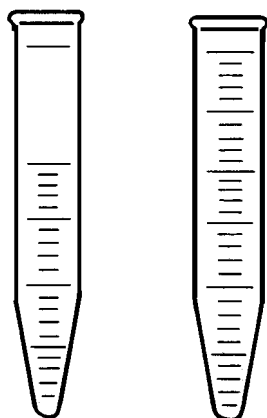
without rim	17 x 112	AR	4.875.001
without rim	17 x 112	DURAN	4.875.002
with rim	17 x 112	AR	4.875.004
with rim	17 x 112	DURAN	4.875.005

Ungraduated

without rim	17 x 112	AR	4.860.001
without rim	17 x 112	DURAN	4.860.002
with rim	17 x 112	AR	4.860.004
with rim	17 x 112	DURAN	4.860.005

Ungraduated

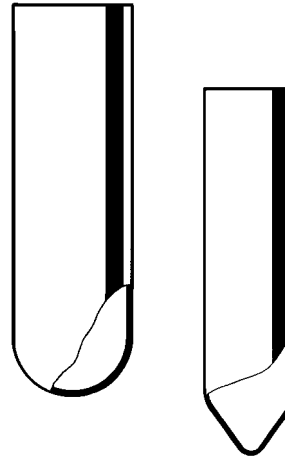
without rim	17 x 98	AR	4.865.001
with rim	17 x 98	AR	4.865.002



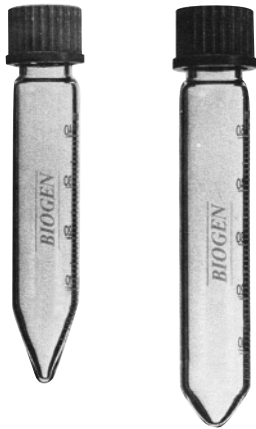


Centrifuge tubes, DURAN. Heavy wall, without rim.

Nominal capacity ml	Length mm	O. D. mm	Ungraduated	Graduated
Round bottom, acc. to DIN 58970 (Part 2)				
6	12	100	4.940.001	–
12	16	100	4.940.002	4.940.102
25	24	100	4.940.003	4.940.103
50	34	100	4.940.004	4.940.104
80	44	100	4.940.005	4.940.105
80	40	115	4.940.006	–
250	56	147	4.940.007	4.940.107
Conical bottom, 60°				
12	16	100	*4.945.001	–
25	24	100	4.945.002	–
50	34	100	4.945.003	–
80	44	100	4.945.004	–
80	40	115	4.945.005	–

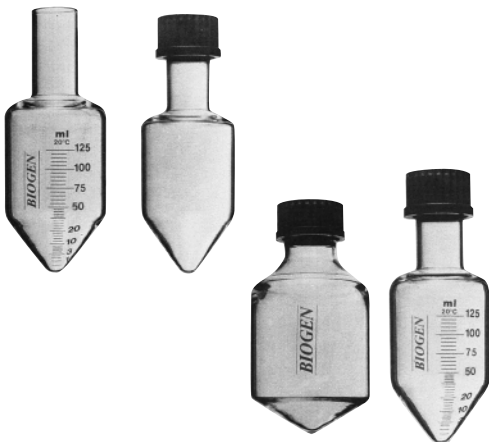


*) Angle 30°.



Centrifuge tubes with screw cap. Borosilicate glass.

Capacity ml	O. D. x L mm	Graduation ml	Screw cap GL	
Conical bottom				
12	17 x 137	1	18	4.946.001
15	17 x 140	1	18	4.946.002
40	28 x 145	0-10:0.5 10-40:1	25	4.946.003
Shallow cone bottom				
50	28 x 140	0-10:0.5 10-50:1	25	4.946.101
Round bottom				
10	20 x 97	–	18	4.947.001
35	28 x 104	–	25	4.947.002
50	28 x 140	–	25	4.947.003



Centrifuge tubes, large volume.

Graduation:

0-3ml:0.5; 3-10 ml:1; 10-20 ml:2; 20-50 ml:3; 50-125 ml:5.

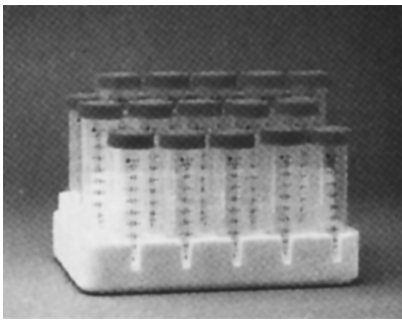
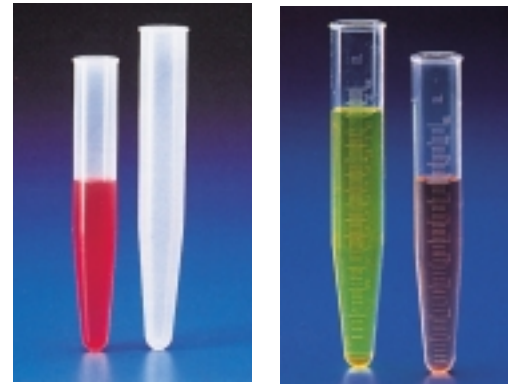
Capacity ml	O. D. x L mm	Screw cap GL	
Conical bottom, graduated, plain top 24 mm for metal clip			
140	60 x 152	–	4.947.101
Conical bottom, ungraduated, with screw cap			
140	60 x 152	32	4.947.201
590	95 x 175	32	4.947.202
Conical bottom, graduated, with screw cap			
140	60 x 150	32	4.947.401
200	60 x 175	32	4.947.402
Shallow cone bottom, ungraduated, with screw cap			
760	95 x 175	45	4.947.301

**Centrifuge tubes**, conical bottom.

- made of PP, up to 120 °C autoclavable.

- made of PMP, up to 170 °C autoclavable.

Capacity ml	Dia. mm	Length mm	PP	PMP
Ungraduated				
10	16	108	7.272.001	7.272.101
13	18	120	7.272.002	7.272.102
Graduated				
10	16	110	7.273.001	7.273.101
15	18	118	7.273.002	7.273.102



Centrifuge tubes with screw cap, 50 ml. Made of highly transparent PP, sterilized by radiation. No wetttable surface. Can be used in liquid nitrogen (-196 °C). Graduation each 5 ml (from 5 to 45 ml), leak-proof.

Type	
25 pieces per rack	5.487.201
15 pieces per bag	5.487.202
25 pieces in rack, self standing	5.487.203

Water stills "BIOSTILL".

The immersion heating element is covered by quartz glass, so that heavy metal ions in the distillate are excluded. The quality of the water corresponds to the provision of the DAB 8 and all important pharmacopoes, ASTM-D-1193 and ASTM-C-225. A conductivity of the distilled water up to $\leq 1 \mu\text{S/cm}$ (25 °C), pyrogenfree, can be reached.

Type	Output l/h	V/A	W	
BIO 2	2.5	220/10	1500	2.190.102
BIO 4	4	220/10	1500	2.190.104

Spare parts:

BIOSTILL-glass-part/vessel alone 2.5 liters	2.190.111
BIOSTILL-control unit	2.190.112
3 meters rubber/silicone tubing for BIOSTILL	2.190.114
BIOSTILL-quartz-silica heater (for 2.5 liter unit)	2.190.115
ditto. for 4 liter unit	2.190.117
WITEG WATER-STILL-CLEANER, concentrate, packed to a 1 liter container	2.190.116
PE-stopper, ST 29	2.190.129
BIOSTILL-glasspart alone, 4 liters	2.190.136
BIOSTILL-control unit, for 4 liters still	2.190.137

