

Products for Chemistry Laboratories

Brochure (Excerpt)

Buchner Funnels from Porcelain



- Buchner funnels with fixed perforated plate
- Glazed inside and outside with the exception of the top rim
- Excellent resistance to all reagents except hydrofluoric acid
- Highly resistant to thermal shock
- Very low coefficient of expansion
- Table top funnel available

Cat. No.	Description	Filter Paper Size	Cs.
CG-1888-01	35 ml Buchner Funnel	35 - 40 mm	1
CG-1888-02	100 ml Buchner Funnel	50 - 55 mm	1
CG-1888-03	200 ml Buchner Funnel	70 mm	1
CG-1888-04	350 ml Buchner Funnel	90 mm	1
CG-1888-05	600 ml Buchner Funnel	110 mm	1
CG-1888-06	800 ml Buchner Funnel	110 - 124 mm	1
CG-1888-07	1.150 ml Buchner Funnel	142 - 150 mm	1
CG-1888-08	2.000 ml Buchner Funnel	185 mm	1
CG-1888-09	4.800 ml Buchner Funnel	240 mm	1
CG-1889-01	1.000 ml Buchner Funnel, table top	125 mm	1
CG-1889-02	2.000 ml Buchner Funnel, table top	200 mm	1

Crucibles from Porcelain



- Crucible with lid
- Glazed inside and outside with the exception of the outside base and rim
- Excellent resistance to all reagents except hydrofluoric acid
- Highly resistant to thermal shock
- Very low coefficient of expansion
- Low and tall form

Cat. No.	Description	Cs.
CG-1883-01	5 ml Crucible, low form	1
CG-1883-02	10 ml Crucible, low form	1
CG-1883-03	30 ml Crucible, low form	1
CG-1883-04	50 ml Crucible, low form	1
CG-1883-05	100 ml Crucible, low form	1
CG-1883-06	250 ml Crucible, low form	1
CG-1883-07	500 ml Crucible, low form	1
CG-1882-01	5 ml Crucible, tall form	1
CG-1882-02	10 ml Crucible, tall form	1
CG-1882-03	25 ml Crucible, tall form	1
CG-1882-04	50 ml Crucible, tall form	1
CG-1882-05	100 ml Crucible, tall form	1
CG-1882-06	250 ml Crucible, tall form	1

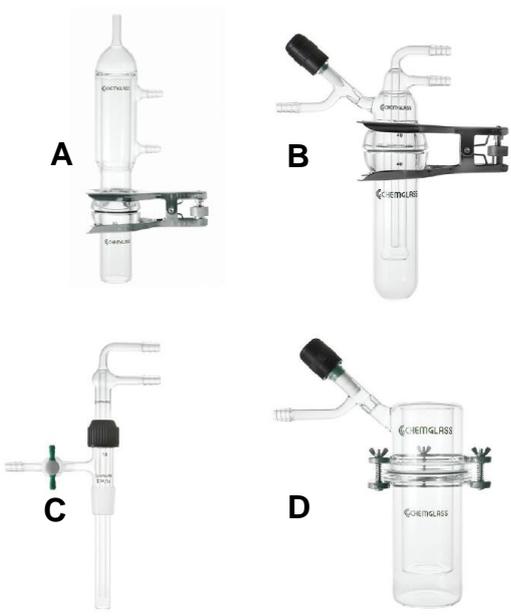
Jacketed Beakers, Borosilicate Glass



- Designed for use in temperature controlled reactions
- Hose connections: 10 mm OD at the largest serration
- Tall beakers have a conical interior bottom to help eliminate spinout when used with egg shaped spinbar
- Low form beakers
 - width to height ratio of 2:1
 - flat bottom on inner and outer vessel

Cat. No.	Description	Inner Ø x Height (mm)	Outer Ø x Height (mm)	Cs.
CG-1103-01	50 ml Jacketed Beaker, conical bottom	37 x 67	60 x 77	1
CG-1103-02	100 ml Jacketed Beaker, conical bottom	47 x 59	75 x 73	1
CG-1103-03	250 ml Jacketed Beaker, conical bottom	65 x 100	90 x 115	1
CG-1103-04	500 ml Jacketed Beaker, conical bottom	80 x 130	110 x 145	1
CG-1103-05	1.000 ml Jacketed Beaker, conical bottom	105 x 142	140 x 155	1
CG-1103-06	2.000 ml Jacketed Beaker, conical bottom	119 x 190	150 x 220	1
CG-1107-10	Jacketed Beaker, low form, flat bottom	100 x 50	135 x 70	1
CG-1107-11	Jacketed Beaker, low form, flat bottom	150 x 75	190 x 95	1
CG-1107-12	Jacketed Beaker, low form, flat bottom	200 x 100	250 x 120	1

Sublimation Apparatus and Sublimation Flask Adapters



- For purification and separation by combined sublimation and deposition processes
- Available in different styles (A-D) with capacities ranging from 10 ml to 1L (depending on model)
- Grease-free assemblies for vacuum applications

Complete assemblies include Viton o-rings, clamps and the following components:

Style A: tube-like condenser, condenser flask (top vacuum connection can be used as funnel for sublimate removal)

Style B: cold finger condenser, condenser flask, 0-4 mm Chem-Vac™, Chem-Cap® Valve

Style C: cold finger condenser with standard tapered joint, (Joint size: 24/25) with 2 mm PTFE stopcock for vacuum control, Chem-Thread Compression Cap with Aperture

Style D: cold finger condenser, 80 mm flange, Chem-Cap® valve

Cat. No.	Description	Cs.
CG-3034-01	Sublimator, style: Dailey, (B), Complete, <u>water-cooled</u> , Capacity: 10 ml	1
CG-3034-02	Sublimator, style: Dailey, (B), Complete, <u>water-cooled</u> , Capacity: 40 ml	1
CG-3036-01	Sublimation Apparatus, (style A), Complete, <u>water-cooled</u> , Capacity 15 ml	1
CG-3036-02	Sublimation Apparatus, (style A), Complete, <u>water-cooled</u> , Capacity 50 ml	1
CG-3038-01	Sublimation Apparatus (style D), Complete, to be <u>cooled</u> either <u>with dry ice, acetone or liquid nitrogen</u> , Capacity: 150 ml	1
CG-3032-01	Sublimation Adapter (style C), <u>water-cooled</u> , for use with standard reaction flasks (250 ml – 1L)	1

Please ask for further information and additional products from Chemglass Life Sciences:

Airfree® Products, Adapters, Bubblers, Cannulas, Crystallizing Dishes, Condenser, Coolers, Diffusion Pumps, Distillation Apparatus, Flasks, Gas Scrubbers, Petri Dishes, Process Reactors, Pyrex® Products, Schlenk Lines, Tubings, Vacuum Manifolds and much more.

Beakers from Stainless Steel



- Easy to clean seamless construction of non-corrosive stainless steel, grade 304
- Flared edge with spout for a simple transfer of liquids
- Suitable tong for easy handling

Cat. No.	Description	Cs.
CG-1109-M-125	125 ml Beaker, Griffin, stainless steel	1
CG-1109-M-250	250 ml Beaker, Griffin, stainless steel	1
CG-1109-M-600	600 ml Beaker, Griffin, stainless steel	1
CG-1109-M-1200	1.200 ml Beaker, Griffin, stainless steel	1
CG-1109-M-2000	2.000 ml Beaker, Griffin, stainless steel	1
CG-1109-M-4000	4.000 ml Beaker, Griffin, stainless steel	1
CG-1105-100	Beaker Tong, length 38 cm, jaws covered with ceramic fabric	1

Beakers with Handle from Stainless Steel



- Easy to clean seamless interior stainless steel, grade 316, polished 10 Ra finish
- Solid handle
- Spout for easy transfer of liquids
- Graduation marks (without numbers)

Cat. No.	Description	Cs.
CG-1109-X-1000	1.000 ml Beaker with handle, stainless steel	1
CG-1109-X-2000	2.000 ml Beaker with handle, stainless steel	1
CG-1109-X-3000	3.000 ml Beaker with handle, stainless steel	1
CG-1109-X-5000	5.000 ml Beaker with handle, stainless steel	1

PTFE Beakers and Covers, withstand high temperatures



- Chemically inert PTFE beakers withstand temperature up to 260 °C
- Heatable beakers combine a PTFE body with a specially formulated stabilized PTFE carbon base in a single molding for improved heat transfer, heatable up to 270 °C without distortion

Cat. No.	Description	Cs.
CG-1109-01	50 ml Beaker, PTFE	1
CG-1109-02	100 ml Beaker, PTFE	1
CG-1109-10	150 ml Beaker, PTFE	1
CG-1109-03	250 ml Beaker, PTFE	1
CG-1109-04	500 ml Beaker, PTFE	1
CG-1109-05	1.000 ml Beaker, PTFE	1
CG-1109-06	2.000 ml Beaker, PTFE	1
CG-1109H-01	100 ml Beaker, PTFE, heatable	1
CG-1109H-02	250 ml Beaker, PTFE, heatable	1
CG-1109H-03	400 ml Beaker, PTFE, heatable	1
CG-1109C-01	Cover for 50 ml Beaker, PTFE	1
CG-1109C-02	Cover for 100 ml Beaker, PTFE	1
CG-1109C-03	Cover for 150 ml Beaker, PTFE	1
CG-1109C-04	Cover for 250 ml Beaker, PTFE	1
CG-1109C-05	Cover for 500 ml Beaker, PTFE	1
CG-1109C-06	Cover for 1.000 ml Beaker, PTFE	1
CG-1109C-07	Cover for 2.000 ml Beaker, PTFE	1

Evaporating Dishes from PTFE



- Isostatically molded in pure, FDA approved PTFE
- Totally chemically resistant and inert
- Super smooth internal finish
- Flat or tall form
- Flat form with or without spout

Cat. No.	Description	Form	Cs.
CG-8276F-01	25 ml Evaporating Dish, PTFE	flat	1
CG-8276F-02	50 ml Evaporating Dish, PTFE	flat	1
CG-8276F-03	100 ml Evaporating Dish, PTFE	flat	1
CG-8276F-04	350 ml Evaporating Dish, PTFE	flat	1
CG-8278P-01	25 ml Evaporating Dish, PTFE	flat with spout	1
CG-8278P-02	50 ml Evaporating Dish, PTFE	flat with spout	1
CG-8278P-03	100 ml Evaporating Dish, PTFE	flat with spout	1
CG-8278P-04	350 ml Evaporating Dish, PTFE	flat with spout	1
CG-8276T-01	25 ml Evaporating Dish, PTFE	tall with spout	1
CG-8276T-02	50 ml Evaporating Dish, PTFE	tall with spout	1
CG-8276T-03	100 ml Evaporating Dish, PTFE	tall with spout	1
CG-8276T-04	350 ml Evaporating Dish, PTFE	tall with sprout	1

Bottles from PTFE



- Isostatically molded in pure, FDA approved PTFE
- Totally chemically resistant and inert
- Heavy wall construction with super smooth internal finish
- Leak-free screw cap
- Grooves for easy handling
- Heatable up to 280 °C, suitable for low temperature applications

Cat. No.	Description	Cs.
CG-854-T-50	50 ml Bottle, PTFE	1
CG-854-T-100	100 ml Bottle, PTFE	1
CG-854-T-150	150 ml Bottle, PTFE	1
CG-854-T-250	250 ml Bottle, PTFE	1
CG-854-T-500	500 ml Bottle, PTFE	1
CG-854-T-1000	1.000 ml Bottle, PTFE	1

Jars from PTFE



- Isostatically molded in pure, FDA approved PTFE
- Totally chemically resistant and inert
- Heavy wall construction with super smooth internal finish

Cat. No.	Description	Cs.
CG-8656-T-30	30 ml Jar, PTFE	1
CG-8656-T-60	60 ml Jar, PTFE	1
CG-8656-T-120	120 ml Jar, PTFE	1
CG-8656-T-240	240 ml Jar, PTFE	1
CG-8656-T-360	360 ml Jar, PTFE	1
CG-8656-T-480	480 ml Jar, PTFE	1