

- Heavy wall Borosilicate glass vessels for pressure reactions and applications
- **Working pressure: 60 PSI (4.15 bar)**
- Flask with internal thread and PTFE bushing as a pressure seal
- Allows hand tightening and loosening for easy access
- Complete vessel is supplied with vessel, back seal solid PTFE Bushing and Viton o-ring (see picture below)
- Separate tubes, Viton and Perfluoro o-rings and different PTFE Bushings available



Cylindrical Tubes Complete

Cat. No.	OD x Length	Capacity	Bushing Size
CG-1880-01	25.4 x 114 mm	15 ml	# 15
CG-1880-02	25.4 x 190 mm	35 ml	# 15
CG-1880-03	25.4 x 215 mm	38 ml	# 15
CG-1880-04	38.0 x 114 mm	48 ml	# 15
CG-1880-05	38.0 x 190 mm	100 ml	# 15
CG-1880-06	38.0 x 215 mm	120 ml	# 15

Round Bottom Tubes Complete (egg-shaped)

Cat. No.	OD x Length	Capacity	Bushing Size
CG-1880-10	52.0 x 102 mm	75 ml	# 15
CG-1880-40	52.0 x 102 mm	75 ml	# 25
CG-1880-11	63.5 x 117 mm	150 ml	# 15
CG-1880-41	63.5 x 117 mm	150 ml	# 25
CG-1880-12	82.5 x 142 mm	350 ml	# 15
CG-1880-42	82.5 x 142 mm	350 ml	# 25

Round Bottom Tubes Complete (completely round, shaped similar to a round bottom flask)

Cat. No.	OD x Length	Capacity	Diameter Matches Round Flask Capacity	Bushing Size
CG-1880-R-01	48 x 85 mm	approx. 28 ml	50 ml	# 25
CG-1880-R-02	60 x 100 mm	approx. 65 ml	100 ml	# 25
CG-1880-R-03	85 x 125 mm	approx. 200 ml	250 ml	# 25
CG-1880-R-04	105 x 145 mm	approx. 420 ml	500 ml	# 25

PTFE Bushings with Viton o-rings

Cat. No.	Description
CG-363-03	Back Seal, Solid, # 15
CG-363-05	Back Seal, Solid, # 25
CG-366-12	Front Seal, Solid, # 15
CG-366-13	Front Seal, Solid, # 25
CG-362-03	Front Seal, Open Top, # 15
CG-362-05	Front Seal, Open Top, # 25
CG-364-40	Front Seal, 1/8" Female NPT, # 15
CG-364-60	Front Seal, 1/8" Female NPT, # 25



PTFE Bushings: Back Seal (left side) and Front Seal (right side)

Pressure vessels are tested at 150 PSI (10.34 bar) or approximately 2.5 times their recommended working pressure of **60 PSI (4.15 bar)**. However, we do not guarantee the vessels from breaking under pressure due to the nature of the material and conditions beyond our control. We recommend the use of safety shields and/or other safety utensils.

Microwave Reaction Vials

- Heavy wall Borosilicate glass vials
- **Withstand pressure up to 300 PSI (20 bar)**
- All sizes are supplied with 20 mm aluminum seals with 0.125" (3.18 mm) thick PTFE faced silicone septa
- PTFE-coated stir bars are used to provide continuous stirring and even heating
- Complete packages contain vials, stir bars and aluminium seals with septa



Complete Packages include the following:

CG-4920-04*	100 pcs. 0.2 - 0.5 ml vials, 100 pcs. 20 mm aluminium seals with septa, 100 pcs. 2 mm diameter x 5 mm long PTFE stir bars
CG-4920-03	100 pcs. 0.5 -2.0 ml tapered vials, 100 pcs. 20 mm aluminium seals with septa, 100 pcs. 5.25 mm width x 11 mm height triangular shaped PTFE stir vanes
CG-4920-01	100 pcs. 2.0 - 5.0 ml round bottom vials, 100 pcs. 20 mm aluminium seals with septa, 100 pcs. 3 mm diameter x 10 mm long PTFE stir bars
CG-4920-02	100 pcs. 10.0 - 20.0 ml round bottom vials, 100 pcs. 20 mm aluminium seals with septa, 12 pcs. 6 mm diameter x 15 mm long egg shaped PTFE stir bars

Cat. No.	OD x Length	Capacity	Vial Form
CG-4920-04*	8 x 83 mm	0.2 - 0.5 ml	---
CG-4920-03	16 x 83 mm	0.5 - 2.0 ml	tapered
CG-4920-01	16 x 83 mm	2.0 - 5.0 ml	round
CG-4920-02	28 x 83 mm	10.0 - 20.0 ml	round

* Vials (0.2 - 0.5 ml) require a PEEK adapter collar to attach crimp seals. The adaptor is available on request.

Replacement Components

Cat. No.	Description	Cs.
CG-4920-10	20 mm aluminum seals with 0.125" (3.18 mm) thick PTFE faced silicone septa	200
CG-4920-15	3 mm diameter x 10 mm long PTFE stir bars	50
CG-4920-16	6 mm diameter x 15 mm long egg shaped PTFE stir bars	12
CG-4920-17	5.25 mm width x 11 mm height triangular shaped PTFE stir vanes	50
CG-4920-18	2 mm diameter x 5 mm long PTFE stir bars	50

Crimper and Decapper

- Hand operated
- For 20 mm aluminum seals

Cat. No.	Description
CG-4930-20	Crimper for 20 mm aluminum seals
CG-4930-21	Decapper (Pliers-Type)
CV-5706-0020	Decapper for 20 mm aluminum seals (Crimp-Type)



Price: Prices in Euro per unit, excluding VAT.

Freight charges: Germany: We charge Euro 20.00 for delivery. Large delivery on a palette: please enquire. Below a net order value of Euro 100.00 an additional charge of Euro 8.00 will apply. Other countries: Please contact us for further information.

Payment terms: 30 days net or against pro forma invoice.

Prices are subject to change without notice. Prices supersede all prices in previous documents. No responsibility is taken for the accuracy of the information.