

STOPPERS / SUBLIMATORS

CG-3024 SEPTUM STOPPER, SUBA-SEAL®

Suba-Seal® septa are a flanged stopper with a hollow plug and sleeve extension that folds down over the neck of the vessel. In addition to the pull over sleeve, Suba-Seal® stoppers have a series of annular serrations on the plug portion of the septa. Each of these serrations depress along the inner wall of the glass vessel to form an extremely effective air-tight seal. Stoppers are made from natural red rubber and sold in the package quantities listed below.

Part Number	Fits Standard Taper Joint Size	Fits Tubing ID (mm)	Pkg Qty
CG-3024-01	14/20-14/35	12.5	100
CG-3024-03	19/22-19/38	17.5	100
CG-3024-05	24/25-24/40	20.5	100
CG-3024-07	29/26-29/42	25.5	100
CG-3024-09	29/26-29/42	25.5	50



CG-3024

CG-3030 SUBLIMER, MICRO

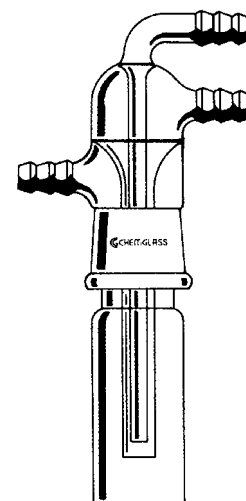
Micro scale sublimer can be used with quantities as small as 0.5 grams. The sublimer has a capacity of 3mL between the lower portion of the cold finger and the interior bottom of the flask. With 24/25 standard taper joints to connect the flask and cold finger condenser.

Complete Sublimer:

Part Number	Approx. Height x Width (mm)
CG-3030-01	160 x 85

Replacement Components:

Part Number	Description
CG-3030-02	Lower Flask Only
CG-3030-03	Cold Finger Condenser Only



CG-3030

CG-3032 SUBLIMATION ADAPTER

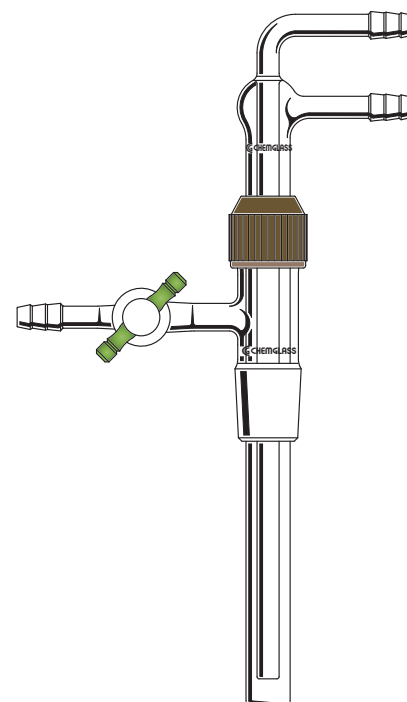
Adapter permits sublimation directly in any reaction vessel having an standard taper outer joint. Simply remove condenser or other apparatus from joint, insert adapter and begin. Adapter has two components, the cold finger condenser and vacuum adapter. Adapter has a #18 Chem-Thread to allow for the vertical positioning of the cold finger in flasks from 250 to 1000mL. Vacuum is controlled via a 2mm Teflon stopcock. Adapter joint sizes are medium length, but can be used in full length joints.

Complete Adapter:

Part Number	Joint Size
CG-3032-01	24/25
CG-3032-02	29/26

Replacement Components:

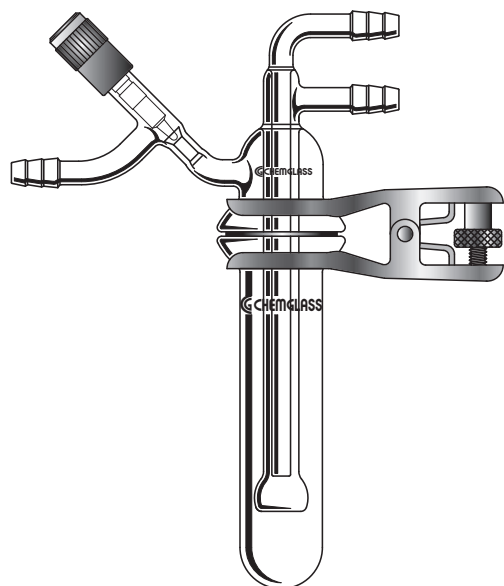
Part Number	Description
CG-3032-03	24/25 Vacuum Adapter Only
CG-3032-04	29/26 Vacuum Adapter Only
CG-3032-05	Cold Finger Condenser Only
CG-305-208	#208 Viton O-Rings, 6/Pkg
CG-352-04	#18 Compression Cap
CG-424-77	2mm Teflon Plug



CG-3032

Visit Our Web Site: www.gpelimited.co.uk

SUBLIMATORS



CG-3034

CG-3034 SUBLIMATOR, VACUUM, DAILEY**

A grease-free, two-piece sublimation apparatus consisting of an upper water cooled condenser and lower vessel to hold the material to be sublimed. The sublimate collects on the lower end of the condenser which has a flat bottom. Condenser is constructed using a grease-free, threaded valve. Connection of the condenser and lower vessel via an o-ring joint enables the two parts to be gently separated for maximum product recovery. Complete apparatus consists of the cold finger condenser, lower vessel, Viton o-ring and stainless steel pinchclamp. Available in two sizes with the capacity listed being that below the bottom of the cold finger.

Specifications:

Part Number	Approx Height x Width (mm)	Capacity (mL)	Joint Size	O-Ring Size	Clamp Size	Valve Size (mm)
CG-3034-01	200 x 135	10	25	217	35	0-2
CG-3034-02	265 x 175	40	40	226	65	0-4

Ordering Information:

Part Number	Description
CG-3034-01	10mL Sublimator, Complete
CG-3034-02	40mL Sublimator, Complete

Replacement Components:

Part Number	Description
CG-3034-03	Lower Vessel Only, 10mL sublimator
CG-3034-04	Condenser Only, 10mL sublimator
CG-3034-05	Lower Vessel Only, 40mL sublimator
CG-3034-06	Condenser Only, 40mL sublimator
CG-150-06	#35 S.S. Pinch Clamp
CG-150-09	#65 S.S. Pinch Clamp
CG-305-217	#217 Viton O-Rings, 6/Pkg
CG-305-226	#226 Viton O-Rings, 3/Pkg
CG-596-01	0-2mm Plug and Control Knob
CG-961-01	0-4mm Plug and Control Knob

**DESIGNED AND DEVELOPED BY DR. WILLIAM DAILEY, UNIVERSITY OF PENNSYLVANIA, PHILADELPHIA, PA.

CG-3036 SUBLIMATOR APPARATUS

Two-piece sublimer consisting of an upper water cooled condenser and lower flat bottom flask. Sublimate is collected on the inner wall of the condenser. The two components are assembled by a grease-free o-ring seal which permits the components to be gently separated for maximum product recovery. When condenser is inverted, the top vacuum connection serves as a funnel for convenient product removal. Complete apparatus consists of a condenser, flask, Viton o-ring and CG-150 stainless steel clamp. Available in two listed sizes.

Specifications:

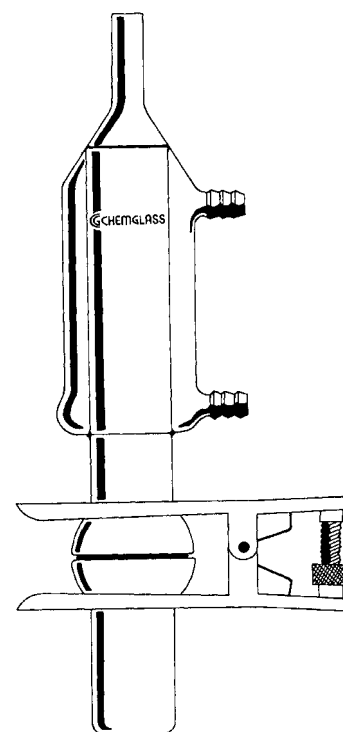
Part Number	Approx		Joint Size	O-Ring Size	Clamp Size
	Height x Width (mm)	Capacity (mL)			
CG-3036-01	210 x 65	15	20	214	35
CG-3036-02	295 x 80	50	30	223	50

Ordering Information:

Part Number	Description
CG-3036-01	15mL Sublimer, Complete
CG-3036-02	50mL Sublimer, Complete

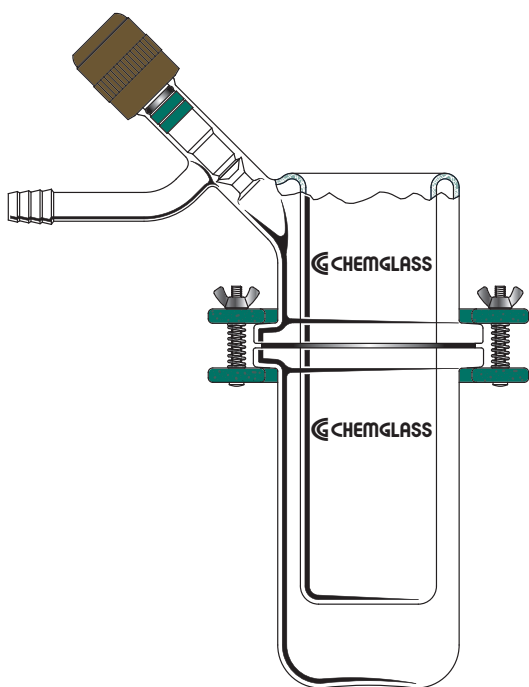
Replacement Components:

Part Number	Description
CG-3036-03	Flask Only, 15mL Sublimer
CG-3036-04	Condenser Only, 15mL Sublimer
CG-3036-05	Flask Only, 50mL Sublimer
CG-3036-06	Condenser Only, 50mL Sublimer
CG-150-06	#35 S.S. Pinch Clamp
CG-150-08	#50 S.S. Pinch Clamp
CG-305-214	#214 Viton O-Rings, 6/Pk
CG-305-223	#223 Viton O-Rings, 3/Pk



CG-3036

SUBLIMATORS / SUPPORTS



CG-3038

CG-3038 SUBLIMATION APPARATUS

Two-piece grease-free sublimator with a flat bottom to enable heating on a hot plate stirrer. Condenser has a large top opening for use with dry ice / acetone or liquid nitrogen. Connection between the flask and condenser is made with a flat o-ring joint permitting parts to be gently separated for maximum product recovery. The capacity listed is that below the bottom of the cold finger. Vacuum control is provided by a 0-8mm grease-free Chem-Cap® valve. Complete apparatus consists of the condenser, flask, Viton o-ring and horseshoe clamp.

Specifications:

Part Number	Approx Height x Width (mm)	Capacity (mL)	Flange Size	O-Ring Size
CG-3038-01	285 x 215	150	4.5"	348

Ordering Information:

Part Number	Description
CG-3038-01	150mL Sublimator, Complete

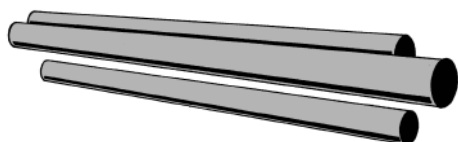
Replacement Components:

Part Number	Description
CG-3038-02	Lower Flask Only
CG-3038-03	Top Condenser Only
CG-139-03	4.5" Horseshoe Clamp
CG-305-339	#339 Viton O-Ring, 1/Pk
CG-961-02	0-8mm Plug and Control Knob

CG-3051 SUPPORT TUBES, STAINLESS STEEL

These support tubes are made of brilliant polished 304 stainless steel. They have good surface hardness and do not score from clamp binding screws. Tubes are 1/2" (13mm) in diameter, and are hollow, reducing weight to 1/2 of solid stainless steel rods while maintaining all the advantages of the stainless steel. The walls are 1/16" (1.6mm) thick, strong, and do not sag. The ends of each tube are capped with polyethylene tight fitting end-caps. **PLEASE NOTE: SPECIAL LENGTHS AND LARGE QUANTITY DISCOUNTS ARE AVAILABLE. PLEASE CONTACT US FOR DETAILS.**

Part Number	Length (in)
CG-3051-01	6
CG-3051-02	12
CG-3051-03	18
CG-3051-04	24
CG-3051-05	36
CG-3051-06	48
CG-3051-07	60
CG-3051-08	72
CG-3051-09	96



CG-3051