



VIALS

Autosampler, Reaction, Sample & Scintillation



Autosampler Vials, Certified, 12 x 32mm, 9mm Threaded, Large Opening

**40%
Larger
Opening**



CV-1152-CERT

(Amber Vials Available)



Convenience packs include certified vials and certified bonded caps / septa in separate compartments of a plastic tray.



CV-3840-CERT

Glass Vials, 12 x 32mm, 9mm Threaded, Large Opening

Universally compatible with almost all autosamplers, these vials have openings that are 40% larger than standard 8mm thread. Available as components or convenience packs.

Certified Glass Vials Only - Purchase Caps Separately

Part No.	Description	Qty.	Price
CV-1152-CERT	2.0mL, Certified Vial, Clear with White Grad Spot, Large Opening	100	\$39.95▲

Convenience Packs - Certified Glass Vials and Bonded Closures in Separate Compartments of a Plastic Tray

Part No.	Description	Qty.	Price
CV-5323-CERT	2.0mL Clear with Grad Spot, Large Opening Vial and 0.040" PTFE / Silicone Septa Lined Blue Bonded Closures	100	\$101.25▲
CV-5326-CERT	2.0mL Clear with Grad Spot, Large Opening Vial and 0.040" PTFE / Silicone Septa with Slit Lined Black Bonded Closures	100	\$108.45▲

Certified 9mm Bonded Closures Only - PTFE Septa for LS / MS and GC / MS

Part No.	Description	Qty.	Price
CV-3840-CERT	Black, Natural PTFE / Off-White Silicone Pre-Slit Ultra Low Bleed Septa	100	\$47.40▲
CV-3842-CERT	Blue, Natural PTFE / Off-White Silicone Ultra Low Bleed Septa	100	\$35.10▲

High Recovery Vials with Bonded Closures, 12 x 32mm, 9mm Thick

With a 40% larger opening, these vials are specifically designed to work in robotic arm autosamplers. They incorporate the unique Step Vial design that precisely centers a limited volume insert in the neck of the vial.

Glass Vials Only - Purchase Caps Separately - See page 5.

Part No.	Description	Qty.	Price
CV-1102-1232	1.5mL, Clear, 9mm Thread, High Recovery	100	\$199.15▲

Convenience Packs - Glass Vials and Bonded Closures in Separate Compartments of a Plastic Tray

Part No.	Description	Qty.	Price
CV-5192-1232	1.2mL, Clear Vial, MRQ30™, 9mm Thread, PTFE / Silicone Septa	100	\$188.15▲
CV-5193-1232	1.2mL, Clear Vial, MRQ30™, 9mm Thread, Pre-Slit PTFE / Silicone Septa	100	\$189.00▲

High Recovery CD Vials with Screw Caps, 1.5mL

These CD™ vials have a conical interior bottom permitting the contents to completely drain to the center bottom of the vial. Maximum extraction of the contents can be accomplished using a syringe or micropipette. Supplied with unattached, open top, screw caps with PTFE- faced, silicone septa. Vials available in amber for light sensitive materials; contact us for details. Patent Number D454,397 S.

Part No.	Description	Qty.	Price
CG-4915-01	1.5mL, Clear, 9mm Thread, 12mm OD x 32mm Height	100	\$197.75†

† Reusable Glass / Plastics

▲ Subject to vials / containers discount. * Not subject to discount.

Glass Vials, 12 x 32mm, 9mm Threaded, Large Opening

Universally compatible with almost all autosamplers, the vials have an opening that is 40% larger than standard 8mm thread. The only vials with every glass thread tooled to dimensions that mirror the cap. Available as components or in convenience packs and convenience kits.

Glass Vials Only - Purchase Caps Separately - See page 5

Part No.	Description	Qty.	Price
CV-1150-1232	2.0mL, Clear	100	\$26.15▲
CV-1152-1232	2.0mL, Clear, White Grad Spot	100	\$27.90▲
CV-1151-1232	2.0mL, Amber	100	\$28.35▲
CV-1153-1232	2.0mL, Amber, White Grad Spot	100	\$29.50▲
CV-1019-1232	0.3mL, Clear, Fused Insert	100	\$167.15▲
CV-1021-1232	0.3mL, Clear, Marking Spot, Fused Insert	100	\$222.60▲
CV-1055-1232	0.3mL, Amber, Marking Spot, Fused Insert	100	\$218.45▲



CV-1150-1232



CV-1151-1232



CV-1152-1232



CV-1153-1232

Convenience Packs - Glass Vials and Bonded Closures in Separate Compartments of a Plastic Tray

Part No.	Description	Qty.	Price
CV-5323-1233	2.0mL, Clear Vial with Grad Spot, 9mm Thread, 12 x 32mm, PTFE / Red Rubber	100	\$59.35▲
CV-5324-1232	2.0mL, Clear Vial, 9mm Thread, 12 x 32mm, PTFE / Silicone Septa with Slit	100	\$93.40▲
CV-5326-1233	2.0mL, Clear Vial with Grad Spot, 9mm Thread, 12 x 32mm, PTFE / Red Rubber with Slit	100	\$107.65▲
CV-5321-1232	2.0mL, Clear Vial, 9mm Thread, 12 x 32mm, PTFE / Silicone Septa	100	\$58.65▲
CV-5323-1232	2.0mL, Clear Vial with Grad Spot, 9mm Thread, 12 x 32mm, PTFE / Silicone Septa	100	\$61.70▲
CV-5328-1232	2.0mL, Amber Vial with Grad Spot, 9mm Thread, 12 x 32mm, PTFE / Silicone Septa	100	\$64.85▲
CV-5329-1232	2.0mL, Amber Vial, 9mm Thread, 12 x 32mm, PTFE / Silicone Septa with Slit	100	\$95.65▲
CV-5326-1232	2.0mL, Clear Vial with Grad Spot, 9mm Thread, 12 x 32mm, PTFE / Silicone Septa with Slit	100	\$107.65▲
CV-5246-1232	1.5mL, Clear Vial, 9mm Thread, High Recovery, 12 x 32mm, PTFE / Silicone Septa	100	\$252.70▲
CV-5248-1232	1.5mL, Clear Vial, 9mm Thread, High Recovery, 12 x 32mm, PTFE / Silicone Septa with Slit	100	\$276.95▲
CV-5186-1232	0.5mL, PP Vial, 9mm Thread, 12 x 32mm, Limited Volume, 0.30mL Fused Insert	100	\$96.45▲



CV-1019-1232



CV-1021-1232



Convenience Packs

Preassembled Convenience Kits - Glass Vials with Bonded Closures Attached in a Plastic Tray

Part No.	Description	Qty.	Price
CV-5184-1232	2.0mL, Clear Vial with Spot, 9mm Thread, 12 x 32mm, 0.30mL Fused Insert, 0.040" PTFE / Silicone Septa	100	\$235.50▲
CV-5247-1232	2.0mL, Amber Vial, 9mm Thread, 12 x 32mm, High Recovery, 0.040" PTFE / Silicone Septa	100	\$228.90▲
CV-5182-1232	2.0mL, Clear Vial with Spot, 9mm Thread, 12 x 32mm, 0.30mL Fused Insert, 0.040" PTFE / Silicone Septa with Slit	100	\$252.70▲
CV-5135-1232	2.0mL, Clear Vial, 12 x 32mm, 9mm Thread, Large Opening, 0.040" Red PTFE / Silicone Septa	100	\$82.25▲



Preassembled Convenience Kits



Convenience Packs

Chromatography Vial Packs with Bonded Closures and Septa

A Chemglass Life Sciences EXCLUSIVE

- Convenience packs with 2.0mL, 12 x 32mm clear vials
- I-D vials have marking spots and graduations (0.5, 1.0 and 1.5mL)
- Proper fit assured - caps and vials made to the same specification
- Supplied in two-compartment storage trays
- Eliminate septa fallout common with pre-assembled closures
- Choose PTFE / red rubber or PTFE / silicone septa
- Septa available with or without slits

Easy to Order, Easy to Save - Get Three Packs for the price of two!

We've made it as easy as possible for you to enjoy significant savings while experiencing the performance of a great little product. If you've never tried vials with bonded closures or if you're already a committed user, just specify the part number from the table below and you'll receive three convenience packs for the two-pack price.

Convenience Packs - Glass Vials and Bonded Closures in Separate Compartments of a Plastic Tray

Part No.	Description	Qty.	Price
CV-4000-92S	2.0mL, Clear Vial, 9mm Thread, Blue Bonded Closure, 12 x 32mm, PTFE / Silicone Septa	3 Packs of 100	\$163.10▲
CV-4000-92WS	2.0mL, Clear Vial with Grad Spot, 9mm Thread, Blue Bonded Closure, 12 x 32mm, PTFE / Silicone Septa	3 Packs of 100	\$173.15▲
CV-4000-95	2.0mL, Clear Vial, 9mm Thread, Blue Bonded Closure, 12 x 32mm, PTFE / Silicone Septa with Slit	3 Packs of 100	\$176.45▲
CV-4000-95W	2.0mL, Clear Vial with Grad Spot, 9mm Thread, Blue Bonded Closure, 12 x 32mm, PTFE / Silicone Septa with Slit	3 Packs of 100	\$183.05▲
CV-4000-80S	2.0mL, Clear Vial, 9mm Thread, Blue Bonded Closure, 12 x 32mm, PTFE / Red Rubber Septa	3 Packs of 100	\$146.45▲
CV-4000-80WS	2.0mL, Clear Vial with Grad Spot, 9mm Thread, Blue Bonded Closure, 12 x 32mm, PTFE / Red Rubber Septa	3 Packs of 100	\$158.15▲
CV-4000-83S	2.0mL, Clear Vial, 9mm Thread, Blue Bonded Closure, 12 x 32mm, PTFE / Red Rubber Septa with Slit	3 Packs of 100	\$166.40▲
CV-4000-83WS	2.0mL, Clear Vial with Grad Spot, 9mm Thread, Blue Bonded Closure, 12 x 32mm, PTFE / Red Rubber Septa with Slit	3 Packs of 100	\$189.70▲



Chromatography Vial Packs with Bonded Closures

Buy Two Packs Get a Third for FREE!

Special CV-4000-series part numbers and prices for this three-pack deal.

Just order a quantity of one from the table at right and you'll receive three convenience packs for the price of two.



▲ Subject to vials / containers discount. * Not subject to discount.

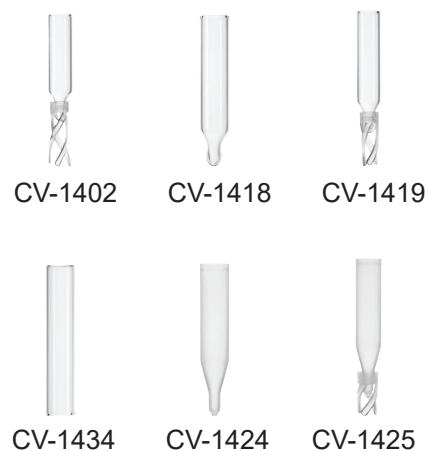
Big Mouth Inserts for 9mm Vials

Big mouth inserts for 9mm vials have been engineered to fit the large opening. They are available assembled with a polymer spring that acts as a shock absorber and provides a cushion against needle contact while removing the contents.

NOTE: Inserts are for use with glass vials only.

Big Mouth Inserts for 9mm Vials

Part No.	Description	Qty.	Price
CV-1402-0625	0.05mL, Glass Insert, Big Mouth, Bottom Spring	100	\$105.90▲
CV-1402-S625	0.05mL Glass Insert, Big Mouth, Bottom Spring, Silanized	100	\$163.95▲
CV-1418-0629	0.25mL, Glass Insert, Big Mouth, No Spring	100	\$87.35▲
CV-1419-0629	0.25mL, Glass Insert, Big Mouth, Bottom Spring	100	\$142.90▲
CV-1421-0631	0.25mL Glass Insert, Big Mouth, Glass Flange	100	\$135.60▲
CV-1424-0631	0.25mL, PP Insert, Big Mouth, No Spring	100	\$15.20▲
CV-1425-0631	0.25mL, PP Insert, Big Mouth, Bottom Spring	100	\$30.15▲
CV-1434-0630	0.35mL, Glass Insert, Flat Bottom	100	\$21.65▲



12 x 32mm Plastic Vials, 9mm Thread, Limited Volume, RAM™

Plastic vials for use when glass causes problems in chromatographic reproducibility. PP vials can be used with proteins, DNA and biopolymers. Vials are as inert as glass and have a hydrophobic surface.

Polypropylene, Limited Volume, Vials Only - Purchase Caps Separately

Part No.	Description	Qty.	Price
CV-1007-1232	0.1mL, Vial, Polypropylene, 9mm Thread	100	\$26.65▲
CV-1008-1232	0.1mL, Vial, TPX, Polypropylene, 9mm Thread	100	\$35.75▲
CV-1039-1232	0.5mL, Vial, Polypropylene, 9mm Thread	100	\$29.50▲



9mm Threaded Closures for 12 x 32mm Vials

9mm Threaded Bonded Closures, Open Top, Preassembled

Part No.	Description	Qty.	Price
CV-3847-0009	Black, PTFE / Red Rubber Septa	100	\$20.65▲
CV-3845-B009	Blue, PTFE / Silicone Septa	100	\$26.30▲
CV-3845-BSB9	Blue, 0.40" PTFE / Silicone with Slit	100	\$34.55▲
CV-3845-BSR9	Red, 0.40" PTFE / Silicone with Slit	100	\$33.25▲



Threaded Closures
(Other colors available.)

9mm Threaded Non-Bonded Closures, Ribbed, Open Top, Preassembled

Part No.	Description	Qty.	Price
CV-3791-0009	Black, PTFE / Red Rubber Septa	100	\$19.95▲
CV-3791-B009	Blue, PTFE / Red Rubber Septa	100	\$19.95▲
CV-3800-B009	Blue, PTFE / Silicone Septa	100	\$23.80▲

9mm Threaded Closures with Bonded PTFE / Silicone Septa

Bonded closures feature clear PTFE / silicone liners bonded directly to the closure without the use of glue or adhesives. These bonded closures provide a cost effective, integrated, one-piece system that eliminates costly line fallout. Closures are available in both pre-slit and non-slit designs.



9mm Bonded Closures

9mm Bonded Closures

Part No.	Description	Qty.	Price
CV-3843-CERT	Blue Cap with Aperture Size 5.73	100	\$36.95 ▲
CV-3841-0009	Blue Cap, PTFE / Silicone Septa, for MASS SPEC ILT LC-CLEAN	100	\$43.90 ▲
CV-3845-0009	Black Cap, Open Hole, 0.40" PTFE / Silicone	100	\$24.50 ▲
CV-3843-0009	Gray Cap, PTFE / Silicone Septa with Slit, for MASS SPEC ILT LC-CLEAN	100	\$52.90 ▲
CV-3845-B009	Blue Cap, PTFE/Silicone Septa	100	\$26.30 ▲
CV-3845-BSG9	Green Cap, Open Hole, 0.40" PTFE / Silicone with Slit	100	\$33.25 ▲
CV-3845-BSB9	Blue Cap, Open Hole, 0.40" PTFE / Silicone with Slit	100	\$34.55 ▲
CV-3845-BSR9	Red Cap, Open Hole, 0.40" PTFE / Silicone with Slit	100	\$33.25 ▲
CV-3845-BSY9	Yellow Cap, Open Hole, 0.40" PTFE / Silicone with Slit	100	\$33.25 ▲
CV-3845-G009	Green Cap, Open Hole, 0.40" PTFE / Silicone	100	\$26.90 ▲
CV-3845-R009	Red Cap, Open Hole, 0.40" PTFE / Silicone	100	\$25.10 ▲
CV-3845-Y009	Yellow Cap, Open Hole, 0.40" PTFE / Silicone	100	\$25.10 ▲
CV-3845-BS09	Black Cap, PTFE/Silicone Septa with Slit	100	\$29.85 ▲

Snap Ring Vials for Use with Chem Snap Caps™ or Standard Aluminum Seals



CV-1200



CV-1201



CV-1202



CV-1203

Glass Snap Ring™ Vials, 12 x 32mm

The neck finish of the Snap Ring™ vial allows the use of Chem Snap Caps™ or standard aluminum seals; eliminating the need for crimping or decapping. Designed to work with robotic arm or other autosamplers. Choose from clear or amber borosilicate. This vial also incorporates the unique Step Vial design that precisely centers a limited volume insert in the vial neck. Available with or without graduated marking spots, and silanized.

Snap Ring Vials, 12 x 32mm

Part No.	Description	Qty.	Price
CV-1200-1232	2mL, Clear	100	\$28.95 ▲
CV-1201-1232	2mL, Amber	100	\$35.05 ▲
CV-1202-1232	2mL, Clear with White Grad Spot	100	\$30.85 ▲
CV-1203-1232	2mL, Amber with White Grad Spot	100	\$30.40 ▲
CV-2535-1232	2mL, Amber with Marking Spot, Silanized	100	\$85.00 ▲

▲ Subject to vials / containers discount. * Not subject to discount.

Snap Ring Vials™ with Fused Inserts, 12 x 32mm

Glass Vials Only - Purchase Caps Separately - See page 5.

Part No.	Description	Qty.	Price
CV-1031-1232	Vial, 0.3mL, Clear with Fused Insert, Snap Ring™, 12x32mm, 11mm Crimp	100	\$200.65 ▲
CV-1032-1232	Vial, 0.3mL, Amber with Fused Insert, Snap Ring™, 12x32mm, 11mm Crimp	100	\$209.65 ▲
CV-1033-1232	Vial, 0.3mL, Clear with Marking Spot with Fused Insert, Snap Ring™, 12x32mm, 11mm Crimp	100	\$199.50 ▲



CV-1033

Plastic, Limited Volume, Snap Ring™ Vials, 12x32mm

The neck finish of the Snap Ring™ vial allows the use of Chem Snap Caps™ or standard aluminum seals. The Snap Ring™ finish eliminates the need for crimping or decapping. Designed to work with robotic arm or other auto samplers. This vial also incorporates the unique Step Vial design that precisely centers a limited volume insert in the vial neck.

Plastic, Limited Volume, Snap Ring Vials, 12x32mm

Part No.	Description	Qty.	Price
CV-1013-1232	0.1mL, Plastic, 11mm Crimp	100	\$29.85 ▲
CV-1015-1232	0.1mL, TPX™ Plastic, 11mm Crimp	100	\$49.40 ▲
CV-1048-1232	0.75mL, Polypropylene, 11mm Crimp	100	\$30.40 ▲
CV-1049-1232	0.75mL, TPX™ Plastic, 11mm Crimp	100	\$47.15 ▲



CV-1013



CV-1015



CV-1048



CV-1049

Snap Seal™ Vials with Fused Inserts, 12 x 32mm

Glass Limited Volume, 11mm Snap Seal™ Vials, 12 x 32mm

Part No.	Description	Qty.	Price
CV-1034-1232	0.3mL, Clear	100	\$164.15 ▲
CV-1035-1232	0.3mL, Amber	100	\$177.30 ▲



CV-1034



CV-1035

11mm Color Coded Chem Snap Caps™

Chem Snap Caps™ may be snapped on and off by hand which eliminates the need for metal crimping and decapping tools, thus reducing potential hazards due to sharp aluminum edges. Large opening provides greater target area for needle penetration. These liner-less Chem Snap Caps™ are available with or without starburst. The starburst allows for easier needle penetration. These caps were developed to handle the most volatile sample providing a liquid airtight seal to the vial. Simply snap on the cap and an evaporation-proof seal of a crimp cap is achieved. Snap caps are color coded for easy sample identification.

11mm Chem Snaps

Part No.	Color	Septum	Qty.	Price
CV-3501-0011	Clear	Starburst	100	\$11.15 ▲
CV-3500-R011	Red	Starburst	100	\$11.85 ▲
CV-3550-0011	Clear	10mil PTFE	100	\$28.80 ▲
CV-3550-G011	Green	10mil PTFE	100	\$29.25 ▲
CV-3570-0011	Clear	PTFE / Red Rubber	100	\$40.05 ▲
CV-3570-B011	Blue	PTFE / Red Rubber	100	\$40.00 ▲
CV-3590-0011	Clear	PTFE / Silicone	100	\$34.40 ▲
CV-3590-B011	Blue	PTFE / Silicone	100	\$35.40 ▲
CV-3590-G011	Green	PTFE / Silicone	100	\$35.40 ▲
CV-3630-0011	Clear	PTFE / Silicone with Slit	100	\$51.80 ▲
CV-3630-S011	Clear	PTFE / Silicone with Star Slit	100	\$35.80 ▲



11mm Chem Snaps



CV-1185 CV-1186 CV-1187 CV-1188

Glass Vials, 12 x 32mm, 11mm Crimp Top, Large Opening

The 40% larger opening prevents broken needles due to the increased target area. The neck finish allows for the use of the patented Poly Crimp™ seals or standard aluminum seals. This vial is designed to work auto samples incorporating a robotic arm as well as other auto samplers. Choose from clear or amber borosilicate. The vial incorporates the unique Step Vial design that precisely centers a limited volume insert in the vial neck. Available with or without graduated marking spots.

Large Opening Crimp Top Glass Vials - Clear and Amber

Part No.	Description	Qty.	Price
CV-1185-1232	2.0mL, Clear	100	\$28.95 ▲
CV-1186-1232	2.0mL, Amber	100	\$36.95 ▲
CV-1187-1232	2.0mL, Clear with White Grad Spot	100	\$29.85 ▲
CV-1188-1232	2.0mL, Amber with White Grad Spot	100	\$40.80 ▲



CV-1168 CV-1169 CV-2620 CV-1170

Glass Vials, 12 x 32mm, 11mm Crimp Top, Standard Opening

The neck finish allows for the use of the patented Poly Crimp™ Seals or standard aluminum seals. This vial is designed to work with autosamplers incorporating a robotic arm as well as other autosamplers. Choose from clear or amber borosilicate. The vial incorporates the unique Step Vial design that precisely centers a limited volume insert in the vial neck. Available with or without graduated marking spots. Vials available silanized.

Standard Opening Glass Vials - 12 x 32mm

Part No.	Description	Qty.	Price
CV-1168-1232	2.0mL, Clear	100	\$30.95 ▲
CV-1169-1232	2.0mL, Amber	100	\$37.35 ▲
CV-1170-1232	2.0mL, Clear with White Grad Spot	100	\$37.10 ▲
CV-2615-1232	2.0mL, Amber, Silanized	100	\$67.70 ▲
CV-2620-1232	2.0mL, Clear with Marking Spot, Silanized	100	\$75.70 ▲
CV-2625-1232	2.0mL, Amber with Marking Spot, Silanized	100	\$75.65 ▲



CV-1011 CV-1043

Glass and Plastic Vials, 12 x 32mm, Limited Volume, 11mm Crimp Top, Standard Opening

Solid Glass and Plastic / Glass Crimp Top Vials - 12 x 32mm

Part No.	Description	Qty.	Price
CV-1011-1232	0.1mL, Glass Insert / Clear Plastic Vial, Limited Volume	100	\$167.25 ▲
CV-1012-1232	0.1mL, Glass Insert / Amber Plastic Vial, Limited Volume	100	\$176.50 ▲
CV-1043-1232	0.5mL, Amber Polypropylene, Limited Volume	100	\$29.25 ▲

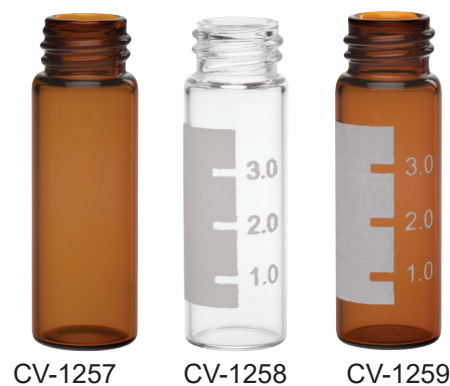
▲ Subject to vials / containers discount. * Not subject to discount.

WISP™ Style Vials, 15 x 45mm, Screw Thread

This vial is designed to work in Shimadzu and Waters WISP™ 48-position autosamplers. Choose from clear or amber borosilicate. These vials incorporate the unique Step Vial design that precisely centers a limited volume insert in the neck of the vial. Available with graduated marking spots.

WISP Style Vials - 15 x 45mm, GPI 13-425

Part No.	Description	Qty.	Price
CV-1258-1545	4.0mL, Clear with White Grad Spot	100	\$32.35 ▲
CV-1259-1545	4.0mL, Amber with White Grad Spot	100	\$40.15 ▲



Preassembled Kits of Standard WISP™ Vials and Closures, 15 x 45mm

These convenience kits come with 100 clear glass vials with closures attached. Packaged in convenient vial trays.

Preassembled Convenience Kits - Clear Glass Vials

Part No.	Description	Qty.	Price
CV-5000-1545	Kit, Clear 4.0mL 15x45mm GPI 13-425 WISP™ Vial and 0.010" PTFE Septa Lined Closure	100	\$57.65 ▲
CV-5055-1545	Kit, Clear 4.0mL 15x45mm GPI 13-425 WISP™ Vial and 0.040" PTFE / Red Rubber Septa Lined Closure	100	\$83.55 ▲
CV-5080-1545	Kit, Clear 4.0mL 15x45mm GPI 13-425 WISP™ Vial and 0.040" Red PTFE / Silicone / Red PTFE Septa Lined Closure	100	\$101.80 ▲
CV-5200-1545	Kit, Clear 4.0mL 15x45mm GPI 13-425 WISP™ Vial and 0.060" Red PTFE / Silicone Septa Lined Closure	100	\$85.50 ▲



Preassembled Convenience Kits

Bonded Screw Cap Closures - PTFE Silicone Septa, ILT LC-CLEAN™

Bonded closures feature clear PTFE / silicone bonded directly to the closure without the use of glue or adhesives. They provide a cost effective, integrated, one-piece system that eliminates costly liner fallout. Closures are available in both pre-slit and non-slit designs.

Black, Bonded Closures - 13-425

Part No.	Description	Qty.	Price
CV-3840-0013	Bonded Closure, 0.60" PTFE / Silicone	100	\$62.70 ▲
CV-3842-0013	Bonded Closure, 0.60" PTFE / Silicone with Slit	100	\$67.05 ▲



Black Bonded Screw Cap Closures

Preassembled Closure and Septa

Part No.	Description	Qty.	Price
CV-5210-0013	Preassembled Closure and Septa, Black, GPI 13-425, 0.065" Red PTFE / Silicone Septa	100	\$48.45 ▲
CV-5195-0013	Preassembled Closure and Septa, Black, GPI 13-425, 0.060" Red PTFE / Silicone Septa with Slit	100	\$57.35 ▲
CV-5075-0013	Preassembled Closure and Septa, Black, GPI 13-425, 0.40" PTFE / Silicone / PTFE Septa	100	\$55.05 ▲



Preassembled Closure and Septa

Clear Glass Shell Vials

Shell vials are the most economical alternative for use in an autosampler. Feature thicker walls for safer sample handling.

Require Snap Plugs

Clear Glass Shell Vials

Part No.	Description	Qty.	Price
CV-2100-0830	0.75mL, 8x30mm	100	\$15.65 ▲
CV-2107-1232	2.0mL, 12x32mm	100	\$19.20 ▲
CV-2110-1232	2.0mL, Round Bottom, 12x32mm	100	\$21.50 ▲
CV-2113-1545	4.0mL, 15x45mm	100	\$25.35 ▲

Vial and Closure Storage Cabinet

- 9 Drawers - Provide clean, organized vial and closure storage
- Powder Coated Finish
- Dimensions: 11"H x 17"W x 11"D

Please Note: Vials and Closures Must Be Purchased Separately

Part No.	Description	Qty.	Price
CV-5730-0009	Storage Cabinet	1	\$280.80 ▲

Storage Rack for 12 x 32mm Vials, Polyethylene

Polyethylene storage rack holds 50, 12x32mm vials.

Please Note: Vials and Closures Must Be Purchased Separately

Storage Racks

Part No.	Description	Qty.	Price
CV-6005-0012	Storage Rack, Polyethylene, Holds up to (50) 12 x 32mm Vials	1	\$34.00 ▲



CV-5730 (Vials sold separately.)



CV-6005 (Vials sold separately.)

Vial Barcoding and Tare-Weighing Help Speed Up Your Process

Barcode Services

Linear and 2D barcoding of vials

- permanent, ceramic barcode identification for your vials
- high contrast labeling is easily read by scanners
- chemical, temperature and scratch resistant
- custom solutions for your data tracking requirements
- pressure-sensitive, non-permanent labeling also available

Tare-weighing

Labor-saving, pre-labeled, tare-weighed vials

- use your equipment time more efficiently
- eliminate the time-intensive procedures of weighing and recording data
- put your vials into service more quickly
- supplied with complete reports

We can help with your tracking, labeling and tare-weighing needs.

Contact us: tech@cglifesciences.com

1.800.843.1794

▲ Subject to vials / containers discount. * Not subject to discount.

96-Well Vial Trays

Reusable PP Holder with Borosilicate Glass Vials

- high throughput screening
- powder dispensing
- solubility screening
- reaction screening
- polymorph screening
- biological testing

Chemglass 96-well vial tray / reaction block with the same footprint as a standard 96-well plate. Compatible with 96-well automated work stations. The reusable polypropylene holder accommodates 8x30mm OD borosilicate vials in standard 8x12, alpha-numeric format: A-H, 1-12. Accepts standard SBS (7mm round diameter plug) cap mat; made with 100% premium silicone with PTFE spray coating, available in packs of 5, non- or pre-slit.

Compatible with

- Unchained Labs (Freeslate)
- Shimadzu Prominence
- Waters Acquity UPLC
- CM2 and CM3 Chemspeed
- Agilent BenchCel

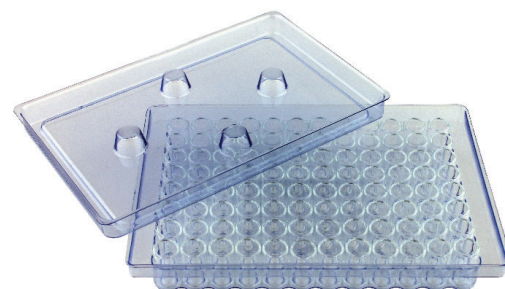
Sealing mats available slit or unslit.



Sealing Mat
CG-1914-05

Reaction Block Vial Holder, Loader and Sealing Mats

Part No.	Description	Qty.	Price
CG-1914-01	Reaction Block Vial Holder, 96-Well, with 8x30mm Vials, Complete	1	\$36.45 ▲
CG-1914-02	Reaction Block Vial Holder ONLY, 96-Well (Without Glass Vial Inserts)	1	\$18.15 ▲
CG-1914-03	Vial Loader, with (96) 8x30mm Vials	1	\$31.00 ▲
CG-1914-04	Sealing Mat, Silicone / PTFE, 6mm Plugs	5	\$57.25 ▲
CG-1914-05	Sealing Mat, Silicone / PTFE, 6mm Plugs, Pre-Slit	5	\$76.40 ▲
CV-2100-0830	Vial Only, 0.75mL, Clear, Glass, Shell, 8 x 30mm	100	\$15.65 ▲



Vial Loader CG-1914-03

▲ Subject to Vials / Containers Discount

Freeslate is a registered trademark for Unchained Labs. CM2 and CM3 are registered trademarks for Chemspeed Technologies. Acquity UPLC is a registered trademark for Waters Corp. Prominence is a registered trademark for Shimadzu Scientific Instruments. BenchCel is a registered trademark for Agilent Technologies.



Pre-loaded with 8x30mm Glass Vials (CV-2100-0830) -See on page 10.

Ideal for Automated Work Stations



18mm Screw Thread Headspace Vials, Clear

Clear vials are manufactured from Type 1 Class A borosilicate glass. The radius bottom vials can be used on LEAP Technologies Inc, CTC Analytics, Varian, Gerstel® and other instruments using CombiPAL and other models requiring magnetic capable closures.

Clear Headspace Vials with 18mm Screw Threads - Flat Bottoms

Part No.	Description	Qty.	Price
CV-1292-2246	10mL, Clear, 22x46mm, Flat Bottom	100	\$53.35 ▲
CV-1292-2275	20mL, Clear, 22x75mm, Flat Bottom	100	\$75.10 ▲

18mm Screw Thread Headspace Vials, Amber

Amber vials are manufactured from Type 1 Class A borosilicate glass. The radius bottom vials can be used on LEAP Technologies Inc, CTC Analytics, Varian, Gerstel® and other instruments using CombiPAL and other models requiring magnetic capable closures.

Amber Headspace Vials with 18mm Screw Threads - Flat Bottoms

Part No.	Description	Qty.	Price
CV-1294-2246	10mL, Amber, 22x46mm, Flat Bottom	100	\$86.65 ▲
CV-1294-2275	20mL, Amber, 22x75mm, Flat Bottom	100	\$102.60 ▲

18mm Magnetic Screw Thread Caps for Headspace Vials

Magnetic Headspace Caps with Septa: (All Silicone is Low Bleed)

The 18mm magnetic screw caps are designed for use with autosamplers using a magnet to transport vials from station to station. Closures are preassembled with a variety of septa.

Magnetic Screw Caps with Pre-Cut Star Septa

Preassembled closures include pre-cut septa where only the carrier is cut through in a Y- form, leaving the PTFE lamination intact. The unhurt PTFE lamination gives 100% protection to the sample while leaving a 0.05mm thick PTFE portion remaining for needle penetration. The Y-form in the pre-cut silicone allows for a better flow of air during sample pick up in order to avoid a vacuum in the vial. Designed for use with any autosampler using a magnet to transport the vial from station to station.

18mm Magnetic Headspace Caps with Septa

Part No.	Description	Qty.	Price
CV-3782-0018	Red PTFE / White Silicone 1.25mm Thick Septa	100	\$80.60 ▲
CV-3783-0018	White PTFE / Translucent Blue Silicone 1.25mm Thick Septa	100	\$77.65 ▲
CV-3784-0018	Blue PTFE / White Silicone 1.25mm Thick Septa	100	\$87.00 ▲
CV-3785-0018	White PTFE / Translucent Blue Silicone 3.12mm Thick Septa	100	\$96.25 ▲



CV-1292-series



CV-1294-series



Magnetic Screw Thread Cap



(Enlarged View)

▲ Subject to vials / containers discount. * Not subject to discount.

20mm Crimp Top Headspace Vials

Vials manufactured from Type 1 Class A Borosilicate glass. The standard flat bottom vials can be used with Hewlett-Packard, Carlo Erba and Shimadzu. The European 20mm aluminum seal vials with rounded bottoms can be used in Tekmar, CTC / L.E.A.P.™ Technologies, Perkin-Elmer, Gertsel® and Varian.

Please Note: Pressure Release Aluminum Seals are Designed to Open When the Internal Pressure Exceeds 3.0 +/- 0.5 Bar

Clear Headspace Vials with 20mm Crimp Tops - Flat and Round Bottoms

Part No.	Description	Qty.	Price
CV-1280-2238	6.0mL, 22x38mm, Flat Bottom	100	\$47.75 ▲
CV-1280-2346	10mL, 23x46mm, Flat Bottom	100	\$55.65 ▲
CV-1280-2375	20mL, 23x75mm, Flat Bottom	100	\$70.20 ▲
CV-1281-2238	6.0mL, 22x38mm, Round Bottom, for use with Perkin Elmer Autosamplers	100	\$46.45 ▲
CV-1281-2346	10mL, 23x46mm, Round Bottom, for use with LEAP Autosamplers	100	\$54.90 ▲
CV-1281-2375	20mL, 23x75mm, Round Bottom, for use with Perkin Elmer Autosamplers	100	\$61.55 ▲



CV-1280- and 1281-series

20mm Silver Aluminum Pressure Release Seals

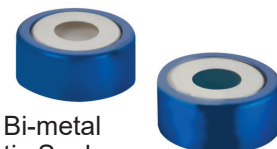
Pressure release seals designed to open when the internal pressure exceeds 3.0 ±0.5 bar.



20mm Silver Aluminum Pressure Release Seals

20mm Pressure Release Aluminum Seals

Part No.	Description	Qty.	Price
CV-3201-0020	PTFE / Gray Butyl Rubber Septa	100	\$138.85 ▲
CV-3202-0020	PTFE / Rubber Septa	100	\$120.30 ▲
CV-3203-0020	PTFE / Silicone Septa	100	\$83.60 ▲



20mm Bi-metal Magnetic Seals

20mm Bi-metal Magnetic Seals

Magnetic seals for use with any instrument that transports the vial with the use of a magnet.

20mm Bi-Metal Magnetic Seals

Part No.	Description	Qty.	Price
CV-3220-0020	PTFE / White Silicone Ultra-Low Bleed Septa	100	\$89.00 ▲
CV-3221-0020	White PTFE / Translucent Blue Silicone, Ultra-Low Bleed Septa	100	\$97.25 ▲



20mm Silver Aluminum Seals

20mm Silver Aluminum Seals

All septa are pre-inserted to prevent contamination and for convenience.

20mm Silver Aluminum Seals

Part No.	Description	Qty.	Price
CV-3100-0020	10mil PTFE Septa	100	\$49.65 ▲
CV-3200-0020	PTFE / Gray Butyl Rubber Septa	100	\$130.95 ▲
CV-3300-0020	PTFE / Silicone Septa	100	\$73.00 ▲
CV-3130-0020	Silicone / Aluminum Septa	100	\$145.70 ▲

Hand-Operated Crimpers and Decappers for 20mm Vials

Part No.	Description	Qty.	Price
CG-4930-20	20mm Hand Operated Crimper	1	\$323.60▲
CV-5706-0020	20mm Hand Operated Decapper	1	\$369.70▲
CG-4930-21	20mm Plier-Style Decapper	1	\$148.00▲



Hand-Operated CG-4930-series'



Plier-Style Decapper



Shelf Packs of 2 dram Vials



Shelf Packs of 20mL Vials



Larger Quantity 100-Packs

Convenient Packs of 24, 48 and 100 Vials

Packaged to Meet Your Needs

Chemglass Pressure Relief Reaction Vials are designed for optimal performance and safety in heated reactions.

- special open top caps prevent vial pressure from exceeding 150 psig
- borosilicate glass reaction vials for heat- and chemical-resistance*
- packaged in SBS-coated, white trays with SBS partitions
- trays are marked with alpha-numeric coordinates for easy identification
- * Made from 33 expansion borosilicate glass conforming to ASTM E-438 Type 1-Class A, USP Type 1 and ISO 3585



Convenient Shelf Packs of 24 & 48 Vials

2 Dram Reaction Vials in Convenient Shelf Packs

Part No.	Vial Capacity	Vial Dims. (mm)	Thread Size	Qty.	Price
CG-4912-242	2 dram	17 x 60	15-425	24	\$46.40 ▲
CG-4912-482	2 dram	17 x 60	15-425	48	\$92.10 ▲

20mL Reaction Vials in Convenient Shelf Packs

Part No.	Vial Capacity	Vial Dims. (mm)	Thread Size	Qty.	Price
CG-4912-245	20mL	28 x 57	24-414	24	\$49.70 ▲
CG-4912-485	20mL	28 x 57	24-414	48	\$99.55 ▲

Larger Quantity 100-Packs

Reaction Vials in Trays of 100 Vials Each

Part No.	Vial Capacity	Vial Dims. (mm)	Thread Size	Qty.	Price
CG-4912-01	1 dram	15 x 45	13-425	100	\$148.35 ▲
CG-4912-02	2 dram	17 x 60	15-425	100	\$161.05 ▲
CG-4912-05	20mL	28 x 57	24-414	100	\$174.10 ▲
CG-4912-30	30mL	28 x 70	24-414	100	\$202.00 ▲
CG-4912-06	40mL	28 x 95	24-414	100	\$230.85 ▲

NOTE: Vials and caps are not available separately; must be purchased complete.

▲ Subject to vials / containers discount. * Not subject to discount.

Smaller quantity packs for easier transport and handling!



Reaction Vials with Graduations and Marking Spot, Red Pressure Relief Cap, SBS Coated White Trays with Partitions

NEW

Graduated vials with marking spot, 1mL subdivisions from 5mL to 15mL on 20mL vials and 5mL to 30mL on 40mL vials. Vials are made from 33 expansion borosilicate glass which conforms to ASTM E-438 Type 1-Class A, USP Type 1 and ISO 3585. The high resistance to thermal shock along with its maximum chemical resistance makes this the glass of choice for vials along with most all laboratory glassware. Supplied with special open top cap which prevents pressure in the vial from exceeding 150 psig. Packaged in a SBS coated white tray complete with SBS partition. Boxes are marked with alpha-numeric coordinates for fast and easy vial identification. Caps are supplied installed on the vials.

Reaction Vials with Graduations and Marking Spot

Part No.	Description	Qty.	Price
CG-4912-G05	20mL Graduated Vials with Marking Spot, 28mm OD x 57mm Height, 24-414 Thread Size, Red Pressure Relief Cap, SBS Coated White Tray	100	\$191.50▲
CG-4912-G06	40mL Graduated Vials with Marking Spot, 28mm OD x 95mm Height, 24-414 Thread Size, Red Pressure Relief Cap, SBS Coated White Tray	100	\$253.95▲



Larger Quantity
100-Packs



Introducing the LUCENT360™

The World's Most Advanced Photoreactor

- Multiple vial formats and configurations (from 0.3ml to 700 ml)
- Temperature controlled (0° to 80° C) with thermostatic fluid
- Interchangeable LED light modules (365 nm through 525 nm)
- Screen up to 4 wavelengths and/or light intensities simultaneously
- Heavy duty magnetic stirring
- Pre-set your favorite experiments for quick repeatability

The **LUCENT360™** is the most comprehensive photoreactor on the market. It's patent pending design provides the most flexibility for parallel, large batch and flow photochemistry.

Temperature Controlled (0° to 80° C)

Reaction vials are thermostatically controlled via a standard heater / chiller

Interchangeable Light Modules

Four modules surround the reaction chamber and one sits underneath

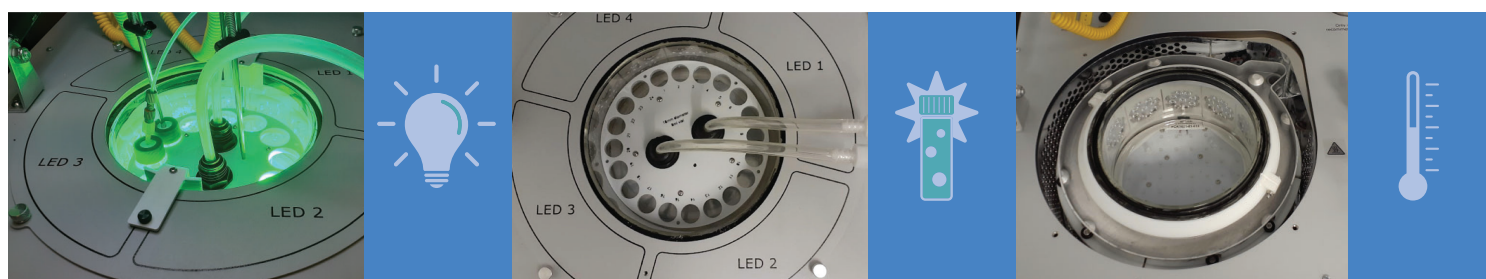
Thermally Insulated Reactions

Double-walled, glass reaction chamber keeps vials at correct temperature



Lucent360 Advanced Photoreactor enables parallel (screen), batch and flow with wavelength, light intensity and temperature control . . .

All in one device.



Light irradiation is provided by custom, interchangeable light modules that surround the reaction chamber.

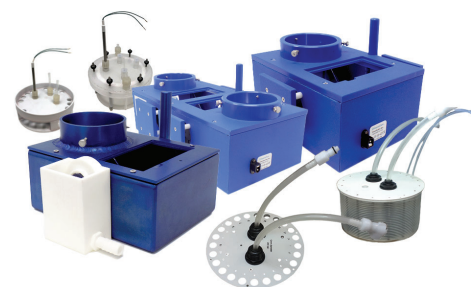
Reaction vials are immersed in a thermostatic bath controlled by an external heater/ chiller unit, enabling temperature controlled experiment conditions.

The reaction chamber itself is comprised of 2 glass walls (Dewar) that thermally insulate light sources from the reaction vial bath.

The LUCENT360™ advanced photoreactor includes standard circulation ports on all of its vial holders as well as an internal water pump and high performance heat exchanger.

Connection to a standard heater/chiller unit enables accurate temperature controlled reaction conditions (0° to 80° C) that are insulated from the heat of light modules.

A temperature probe (included) can also connect to each of the LUCENT360 vial holders, allowing for precise measurements. Fill and flow rate is controlled by the manual valves accessed on the front panel.



More Photoreactors & Accessories on our website!

See CG-8003- and CG-8005-series'

Clear Sample Vials with Unattached Caps

Vials are made from 33 expansion borosilicate glass which conforms to ASTM E-438 Type 1-Class A, USP Type 1 and ISO 3585. The high resistance to thermal shock along with its maximum chemical resistance makes this the glass of choice for vials along with most all laboratory glassware.

Polypropylene caps have a septa bonded to the cap, using the Chemglass SURE-Link™ Process. The inert process bonds the 0.125" PTFE-faced silicone septa directly to the cap without adhesives, making the caps autoclavable and able to withstand multiple injections.

Clear Sample Vials with Caps Unattached

Available with a choice of polypropylene caps: green open top with SURE-Link™ or green solid top caps.

Clear Dram-Size Vials, Caps Supplied Complete But Unattached

Part No.	Description	Qty.	Price
CG-4904-05	4mL (1 Dram), 15 x 45mm Vials, Green Open Top SURE-Link™ Polypropylene Cap, PTFE-faced Septa, 13-425 Thread	100	\$119.20▲
CG-4904-08	8mL (2 Dram), 17 x 60mm Vials, Green Open Top SURE-Link™ Polypropylene Cap, PTFE-faced Septa, 15-425 Thread	100	\$126.95▲
CG-4904-06	4mL (1 Dram), 15 x 45mm Vials, Green Solid Top Cap, PTFE-faced Septa, 13-425 Thread	100	\$95.25▲
CG-4904-09	8mL (2 Dram), 17 x 60mm Vials, Green Solid Top Cap, PTFE-faced Septa, 15-425 Thread	100	\$108.70▲

Clear Sample Vials with Polypropylene Caps Unattached

Vials made with larger 24-400 threads, providing easier access for sampling or automation work. Available with a choice of green open top caps or white solid top caps with SURE-LINK™ PTFE-faced septa.

20mL Clear Sample Vials, Caps Supplied Complete But Unattached

Part No.	Description	Qty.	Price
CG-4904-01	20mL, 28 x 57mm Vials, 24-400 Green Open Top Caps with PTFE Septa	100	\$127.65▲
CG-4904-03	20mL, 28 x 57mm Vials, 24-400 White Solid Top Cap with PTFE Septa	100	\$139.45▲

Clear Sample Vials, Glass Only

Clear sample vials packaged in convenient LAB-PACS. Vials are made from Type 1 borosilicate glass and packed in shrink-wrapped packs of 100. Caps sold separately.

Clear Sample Vials without Caps

Part No.	Description	Qty.	Price
CG-4902-01	2mL, 12x35mm Vials, GPI 8-425	100	\$54.00▲
CG-4902-02	4mL, 15x45mm Vials, GPI 13-425	100	\$67.70▲
CG-4902-03	8mL, 17x60mm Vials, GPI 15-425	100	\$89.55▲
CG-4902-04	12mL, 19x65mm Vials, GPI 15-425	100	\$75.20▲
CG-4902-05	16mL, 21x70mm Vials, GPI 18-400	100	\$123.90▲
CG-4902-06	20mL, 28x57mm Vials, GPI 24-400	100	\$154.30▲
CG-4902-07	24mL, 23x85mm Vials, GPI 20-400	100	\$109.00▲
CG-4902-08	40mL, 28x95mm Vials, GPI 24-400	100	\$165.55▲

See Graduated Vials on page 19.



Sample Vials are packaged in a clear PETG tray complete with a slide or lift-off dust cover. Vials are separated by a SBS partition to eliminate glass to glass contact. Caps are supplied complete in the package, not attached. Entire package is recyclable.



See Separate Caps on page 25.



Clear Sample Vials, with PTFE-Lined Caps

Sample vials packaged in convenient **LAB-PACS of 144**. Made from Type 1 Borosilicate glass. Full height partitions minimize breakage. Solid Caps with PTFE liner.

Clear Sample Vials with PTFE-Lined Solid Caps

Part No.	Description	Qty.	Price
CG-4900-01	4mL (1 Dram) Vial, 15mm OD x 45mm Height, 13-425	144	\$217.70▲
CG-4900-02	8mL (2 Dram) Vial, 17mm OD x 60mm Height, 15-425	144	\$230.45▲
CG-4900-03	16mL (4 Dram) Vial, 21mm OD x 70mm Height, 18-400	144	\$249.90▲
CG-4900-04	20mL Vial, 28mm OD x 57mm Height, 24-400	144	\$367.20▲
CG-4900-05	30mL Vial, 28mm OD x 70mm Height, 24-400	144	\$377.60▲
CG-4900-06	40mL Vial, 28mm OD x 95mm Height, 24-400	144	\$409.75▲

NEW

Clear and Amber Sample Vials with Graduations and Marking Spot with Urea Green Thermoset Solid Caps with F217 Foam Backed PTFE Liner, LAB-PAC

Graduated vials with marking spot, 1mL subdivisions from 5mL to 15mL on 20mL vials and 5mL to 30mL on 40mL vials packaged in convenient LAB-PACS of 144. Vials are made from 33 expansion borosilicate glass which conforms to ASTM E-438 Type 1-Class A, USP Type 1 and ISO 3585. The high resistance to thermal shock along with its maximum chemical resistance makes this the glass of choice for vials along with most all laboratory glassware. Packaging has full height partitions to minimize breakage. Vials supplied with Urea green thermoset solid caps with F217 foam backed PTFE liner. Available in clear or amber.



CG-4900-G Clear

Clear and Amber Sample Vials with Graduations and Marking Spot

Part No.	Description	Qty.	Price
Clear Vials			
CG-4900-G04	20mL Graduated Vials with Marking Spot, 28mm OD x 57mm Height, 24-400 Thread Size, with Urea Green Thermoset Solid Caps with F217 Foam Backed PTFE Liner, LAB-PAC	144	\$403.90▲
CG-4900-G06	40mL Graduated Vials with Marking Spot, 28mm OD x 95mm Height, 24-400 Thread Size, with Urea Green Thermoset Solid Caps with F217 Foam Backed PTFE liner, LAB-PAC	144	\$450.75▲



CG-4905-G Amber

Amber Vials

CG-4905-G04	Amber 20mL Graduated Vials with Marking Spot, 28mm OD x 57mm Height, 24-400 Thread Size, with Urea Green Thermoset Solid Caps with F217 Foam Backed PTFE Liner, LAB-PAC	144	\$528.20▲
CG-4905-G06	Amber 40mL Graduated Vials with Marking Spot, 28mm OD x 95mm Height, 24-400 Thread Size, with Urea Green Thermoset Solid Caps with F217 Foam Backed PTFE liner, LAB-PAC	144	\$589.25▲



LAB-PAC of 144 Vials

▲ Subject to vials / containers discount. * Not subject to discount.

Clear Sample Vials with Graduations and Marking Spot, Vial Only, LAB-PAC

Graduated vials with marking spot, 1mL subdivisions from 5mL to 15mL on 20mL vials and 5mL to 30mL on 40mL vials packaged in convenient LAB-PACS. Vials are made from 33 expansion borosilicate glass which conforms to ASTM E-438 Type 1-Class A, USP Type 1 and ISO 3585. The high resistance to thermal shock along with its maximum chemical resistance makes this the glass of choice for vials along with most all laboratory glassware. Vials are conveniently packed in shrink-wrapped packs of 100. Caps sold separately.

Clear Sample Vials with Graduations and Marking Spot, Vial Only

Part No.	Description	Qty.	Price
CG-4902-G06	20mL Graduated Vials with Marking Spot, 28mm OD x 57mm Height, 24-400 Thread Size, Vial Only, LAB-PAC	100	\$169.75▲
CG-4902-G08	40mL Graduated Vials with Marking Spot, 28mm OD x 95mm Height, 24-400 Thread Size, Vial Only, LAB-PAC	100	\$182.10▲



CG-4902-G series

Clear Sample Vials with Graduations and Marking Spot, Open Top Cap with TFE Septa or Solid White Caps with TFE Septa, Clear PETG Trays with Slide or Lift off Dust Cover

Graduated vials with marking spot, 1mL subdivisions from 5mL to 15mL on 20mL vials and 5mL to 30mL on 40mL vials. Packaged in a clear PETG tray complete with a slide or lift off dust cover. Vials are separated by a SBS partition to eliminate glass to glass contact. Caps are supplied complete in the package, not attached. Entire package is recyclable.

Vials are made from 33 expansion borosilicate glass which conforms to ASTM E-438 Type 1-Class A, USP Type 1 and ISO 3585. The high resistance to thermal shock along with its maximum chemical resistance makes this the glass of choice for vials along with most all laboratory glassware.

Polypropylene caps have a septa bonded to the cap, using the Chemglass SURE-LINK™ process. This inert process bonds the .125" PTFE Faced Silicone septa directly to the cap without adhesives, making the caps autoclavable and able to withstand multiple injections.

All vials are manufactured with the larger 24-400 thread, providing easier access for sampling or automation work.

Available with a choice of caps: green open top caps or white solid top caps with SURE-LINK™ PTFE faced septa. The white caps are ideal for storage purposes.

Clear Sample Vials with Graduations and Marking Spot, Open Top Cap

Part No.	Description	Qty.	Price
CG-4904-G01	20mL Graduated Vials with Marking Spot, 28mm OD x 57mm Height, 24-400 Thread Size, Green Open Top Cap, TFE Septa, Clear PETG Tray	CS100	\$140.40▲
CG-4904-G03	20mL Graduated Vials with Marking Spot, 28mm OD x 57mm Height, 24-400 Thread Size, White Solid Cap, TFE Septa, Clear PETG Tray	CS100	\$153.40▲

NEW



CG-4904-G01



CG-4904-G03

Amber Sample Vials with PTFE-Lined Caps

Amber sample vials packaged in convenient **LAB-PACS of 144 pieces**. Made from Type I borosilicate glass. Full height partitions minimize breakage. Solid PTFE lined caps. Separate open top caps with septa are available below under part number CG-4910.



CG-4905-series

Amber Sample Vials with PTFE-Lined Solid Top Caps

Part No.	Description	Qty.	Price
CG-4905-01	4mL (1 Dram), 15 x 45mm Vials, 13-425 Thread	144	\$277.50▲
CG-4905-02	8mL (2 Dram), 17 x 60mm Vials, 15-425 Thread	144	\$298.90▲
CG-4905-03	16mL (4 Dram), 21 x 70mm Vials, 18-400 Thread	144	\$340.45▲
CG-4905-04	20mL, 28 x 57mm Vials, 24-400 Thread	144	\$480.20▲
CG-4905-05	30mL, 28 x 70mm Vials, 24-400 Thread	144	\$497.15▲
CG-4905-06	40mL, 28 x 95mm Vials, Amber, 24-400 Thread	144	\$535.70▲

Amber Sample Vials, Glass Only

Amber sample vials in convenient LAB-PACS. Made from Type 1 borosilicate glass. Vials are conveniently packed in shrink-wrapped packs of 100. Caps sold separately.



CG-4906-series

Amber Sample Vials, Glass Only

Part No.	Description	Qty.	Price
CG-4906-01	2mL, Amber, 12x35mm, GPI 8-425	100	\$65.75▲
CG-4906-02	4mL, Amber, 15x45mm, GPI 13-425	100	\$89.45▲
CG-4906-03	8mL, Amber, 17x60mm, GPI 15-425	100	\$131.70▲

See Separate Caps on page 25.

Pre-Cleaned Sample Vials with PTFE-Lined Open Top Screw Caps Attached

Clear and amber sample vials are pre-cleaned and certified for volatile organic analysis. Vials are fully assembled with green polypropylene closure and 0.125" PTFE silicone septa. Made from Type 1 borosilicate glass. Certificate of analysis is included in each case. Packed 72 pieces per case.



CG-4907-series

Clear and Amber Sample Vials with PTFE-Lined Open Top Screw Caps

Part No.	Description	Qty.	Price
CG-4907-01	20mL, Clear, 28x57mm, GPI 24-400	72	\$259.00 ▲
CG-4907-02	40mL, Clear, 28x95mm, GPI 24-400	72	\$272.85 ▲
CG-4907-04	20mL, Amber, 28x57mm, GPI 24-400	72	\$269.05 ▲
CG-4907-05	40mL, Amber, 28x95mm, GPI 24-400	72	\$268.90 ▲

▲ Subject to vials / containers discount. * Not subject to discount.

Clear Sample Vials with PTFE-Lined Screw Caps Attached

Sample vials packaged in convenient **LAB-PACS of 144**. Made from Type 1 Borosilicate glass. Full height partitions minimize breakage. Solid PTFE Lined Caps.

Clear Sample Vials - with PTFE Lined Solid PTFE Black Caps

Part No.	Description	Qty.	Price
CG-4900-B-01	4mL (1 Dram) Vial, 15mm OD x 45mm Height, 13-425 Thread Size	144	\$228.60 ▲
CG-4900-B-03	16mL (4 Dram) Vial, 21mm OD x 70mm Height, 18-400 Thread Size	144	\$242.60 ▲



CG-4900-B-series

Clear Micro Product Vials, Graduated

Vials are manufactured from Type 1, Class A Borosilicate glass and come with an open-top cap with PTFE Silicone septa. Vials come with a fire glazed bottom to eliminate particulate unlike other micro vials with ground bottoms. These vials have a conical interior bottom that allows for maximum retrieval with a syringe or micropipette. Vials can be used for small-scale reactions, centrifugation and storage. Sold in cases of 12.

Clear Micro Vials, Graduated - Complete with Open-Top Caps & Septa

Part No.	Description	Qty.	Price
CG-4913-001	Vial, Micro Product, 1mL, GPI 13-425	12	\$157.15 ▲
CG-4913-003	Vial, Micro Product, 3mL, GPI 20-400	12	\$171.40 ▲
CG-4913-005	Vial, Micro Product, 5mL, GPI 20-400	12	\$176.70 ▲



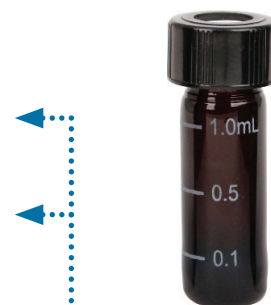
CG-4913-005

CG-4913-003
CG-4913-001

Amber Graduated High Recovery Vial

Vials are manufactured from Type 1, Class A Amber Borosilicate glass and come with an open-top cap with PTFE Silicone septa.

Item No.	Description	UM	Price
CG-4913-A-001	1mL Amber Graduated High Recovery Vial with 13-425 Black Phenolic Open Top Cap and Red PTFE/Silicone Septa, 13mm OD x 41mm Height	C12	\$166.25 ▲
CG-4913-A-003	3mL Amber Graduated High Recovery Vial with 13-425 Black Phenolic Open Top Cap and Red PTFE/Silicone Septa, 14.75mm OD x 45mm Height	C12	\$178.35 ▲
CG-4913-A-005	5mL Amber Graduated High Recovery Vial with 20-400 Black Phenolic Open Top Cap and Gray PTFE/Silicone Septa, 20mm OD x 61mm Height	C12	\$178.35 ▲

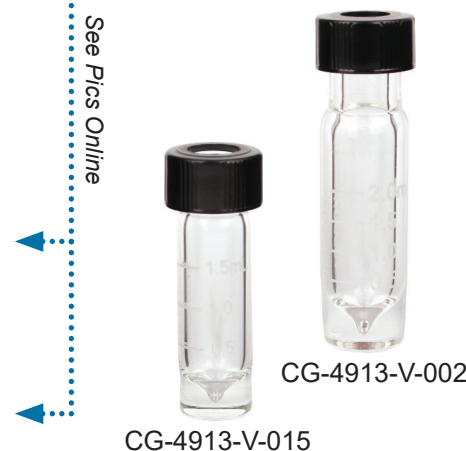


CG-4913-A-001

Clear Graduated High Recovery Vials

Vials are manufactured from Type 1, Class A Borosilicate glass and come with an open-top cap with PTFE Silicone septa.

Item No.	Description	UM	Price
CG-4913-V-002	2mL Clear Graduated High Recovery Vial with 15-415 Black Phenolic Open Top Cap and Red PTFE/Silicone Septa, 16mm OD x 58mm Height	C12	\$180.00 ▲
CG-4913-V-003	3mL Clear Graduated High Recovery Vial with 20-400 Black Phenolic Open Top Cap and Gray PTFE/Silicone Septa, 20mm OD x 46mm Height	C12	\$218.40 ▲
CG-4913-V-015	1.5mL Clear Graduated High Recovery Vial with 13-425 Black Phenolic Open Top Cap and Red PTFE/Silicone Septa, 13mm OD x 43.5mm Height	C12	\$175.75 ▲
CG-4913-V-102	2mL Clear Graduated High Recovery Vial with 20-400 Black Phenolic Open Top Cap and Gray PTFE/Silicone Septa, 20mm OD x 46mm Height	C12	\$202.80 ▲



CG-4913-V-002

CG-4913-V-015

See Pics Online

High Recovery Sample Vials

High recovery, borosilicate vial with a conical bottom for complete sample recovery. These vials are the same size or slightly smaller on the OD to allow them to be interchanged with any racks or blocks that accept standard dram or scintillation vials. Packed in an SBS coated white tray complete with SBS partition. Boxes are marked with alpha-numeric coordinates for fast and easy vial identification. Available complete with open-top caps or vials only.



CG-4916-series

Clear High Recovery Sample Vials - Vials Only

Part No.	Description	Qty.	Price
CG-4916-01	3.7mL, 15x45mm, GPI 13-425	100	\$218.50 ▲
CG-4916-02	7.3mL, 17x60mm, GPI 15-425	100	\$303.65 ▲
CG-4916-03	11.4mL, 19x70mm, GPI 15-425	100	\$322.75 ▲
CG-4916-04	19.2mL, 28x57mm, GPI 22-400	100	\$333.15 ▲
CG-4916-05	23.7mL, 28x67mm, GPI 22-400	100	\$353.40 ▲
CG-4916-06	33mL, 28x95mm, GPI 24-400	100	\$418.30 ▲

Clear High Recovery Sample Vials - Complete with Open-Top Caps & Septa

Part No.	Description	Qty.	Price
CG-4916-30	3.7mL, 15x45mm, GPI 13-425	100	\$274.80 ▲
CG-4916-31	7.3mL, 17x60mm, GPI 15-425	100	\$362.45 ▲
CG-4916-32	11.4mL, 19x70mm, GPI 15-425	100	\$384.95 ▲
CG-4916-33	19.2mL, 28x57mm, GPI 22-400	100	\$414.10 ▲
CG-4916-34	23.7mL, 28x67mm, GPI 22-400	100	\$423.40 ▲
CG-4916-35	33mL, 28x95mm, GPI 24-400	100	\$504.65 ▲



CG-4910-series

Screw Caps with Open Tops and PTFE-faced Silicone Septa

Open top polypropylene screw caps supplied with PTFE faced silicone septa. Supplied in packages of 144.

Open Top Screw Caps with PTFE Faced Silicone Septa

Part No.	Description	Qty.	Price
CG-4910-01	13-425	144	\$75.25 ▲
CG-4910-02	15-425	144	\$111.98 ▲
CG-4910-03	18-400	144	\$140.25 ▲



CG-3750-0022

GPI 22-400 Screw Thread, Open Top Closures

Polypropylene Screw Thread Open Top Closures - GPI 22-400

Part No.	Description	Qty.	Price
CV-3750-0022	Closure Only, GPI 22-400, Black, Open Hole, PP	100	\$37.50 ▲

PTFE / Silicone Septa for Screw Thread Closures

PTFE / Silicone Septa - GPI 22-400

Part No.	Description	Qty.	Price
CV-4090-0022	PTFE / Silicone, 22mm x 0.060"	100	\$72.55 ▲



CG-4090-0022

▲ Subject to vials / containers discount. * Not subject to discount.

Clear Storage Vials with Solid Top Caps Attached

Storage vials are packaged in a SBS coated white tray complete with SBS partition. Boxes are marked with alpha-numeric coordinates for fast and easy vial identification. Caps are attached to the vials and all sizes have the PTFE-lined silicone SURE-LINK septa.

Clear Storage Vials with Solid Top Caps and PTFE-lined SURE-LINK™ Septa

Part No.	Description	Qty.	Price
CG-4908-04	4mL (1 Dram), 15 x 45mm, 13-425, Green Cap	100	\$101.25 ▲
CG-4908-05	8mL (2 Dram), 17 x 60mm, 15-425, Green Cap	100	\$110.45 ▲
CG-4908-03	20mL, 28 x 57mm, 24-400, White Cap	100	\$131.70 ▲
CG-4909-07	40mL, 28 x 95mm, 24-400, White Cap	100	\$184.35 ▲



CG-4908 and CG-4909
Closed Top Storage Vials

Clear Storage Vials with Open Top Caps Attached

For storage applications, these vials are packaged in a SBS coated white tray complete with SBS partition. Boxes are marked with alpha-numeric coordinates for fast and easy vial identification. Caps are supplied installed on the vials and all sizes have the PTFE-lined silicone SURE-LINK septa.

Clear Storage Vials, Open Top Green Caps and PTFE-lined SURE-LINK™ Septa

Part No.	Description	Qty.	Price
CG-4909-04	4mL (1 Dram), 15 x 45mm, 13-425 Green Cap	100	\$97.50 ▲
CG-4909-03	8mL (2 Dram), 17 x 60mm, 15-425 Green Cap	100	\$108.45 ▲
CG-4908-01	20mL, 28 x 57mm, 24-400 Green Cap	100	\$114.05 ▲
CG-4909-05	40mL, 28 x 95mm, 24-400 Green Cap	100	\$172.80 ▲



CG-4908 and CG-4909
Open Top Storage Vials

Amber Storage Vials with Solid Top Caps Attached

For storage applications, these vials are packaged in a SBS coated white tray complete with SBS partition. Boxes are marked with alpha-numeric coordinates for fast and easy vial identification. Caps are supplied installed on the vials and all sizes have the PTFE-lined silicone SURE-LINK septa. The 4mL is a 1 dram, the 8mL is a 2 dram.

Amber Storage Vials with Solid Top Caps and PTFE-lined SURE-LINK™ Septa

Part No.	Description	Qty.	Price
CG-4908-A-01	4mL, 15 x 45mm, 13-425 Green Solid Cap	100	\$129.85 ▲
CG-4908-A-02	8mL, 17 x 60mm, 15-425 Green Solid Cap	100	\$141.45 ▲
CG-4908-A-03	20mL, 28 x 57mm, 24-414 White Solid Cap	100	\$158.10 ▲
CG-4908-A-04	40mL, 28 x 95mm, 24-414 White Solid Cap	100	\$231.60 ▲



CG-4908-A-series

See Graduated Vials on page 18.

NEW

Clear and Amber Storage Vials with Graduations and Marking Spot, Open Top Cap with TFE Septa or Solid White Caps with TFE Septa, SBS Coated White Trays with Partitions

Graduated vials with marking spot, 1mL subdivisions from 5mL to 15mL on 20mL vials and 5mL to 30mL on 40mL vials. Vials are made from 33 expansion borosilicate glass which conforms to ASTM E-438 Type 1-Class A, USP Type 1 and ISO 3585. The high resistance to thermal shock along with its maximum chemical resistance makes this the glass of choice for vials along with most all laboratory glassware. For storage applications, these vials are packaged in a SBS coated white tray complete with SBS partition. Boxes are marked with alpha-numeric coordinates for fast and easy vial identification. Caps are supplied installed on the vials.



CG-4908-G-01
CG-4909-G-05



CG-4908-G03
CG-4909-G07



CG-4909--A Series

Clear and Amber Storage Vials with Graduations and Marking Spot

Part No.	Description	Qty.	Price
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Clear (Green Open Top Cap)

CG-4908-G01	20mL Graduated Vials with Marking Spot, 28mm OD x 57mm Height, 24-400 Thread Size, Green Open Top Cap, TFE Septa, SBS Coated White Tray	100	\$125.45 ▲
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CG-4909-G05	40mL Graduated Vials with Marking Spot, 28mm OD x 95mm Height, 24-400 Thread Size, Green Open Top Cap, TFE Septa, SBS Coated White Tray	100	\$190.10 ▲
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Clear (White Solid Top Cap)

CG-4908-G03	20mL Graduated Vials with Marking Spot, 28mm OD x 57mm Height, 24-400 Thread Size, White Solid Top Cap with Bonded Silicone/PTFE Liner, SBS Coated White Tray	100	\$138.40 ▲
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CG-4909-G07	40mL Graduated Vials with Marking Spot, 28mm OD x 95mm Height, 24-400 Thread Size, White Solid Top Cap with Bonded Silicone/PTFE Liner, SBS Coated White Tray	100	\$202.80 ▲
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Amber Vials (White Solid Top Cap)

CG-4908-A-G03	20mL Graduated Vials with Marking Spot, Amber, 28mm OD x 57mm Height, 24-414 Thread Size, White Solid Top Cap with Bonded Silicone/PTFE Liner, SBS Coated White Tray	100	\$173.90 ▲
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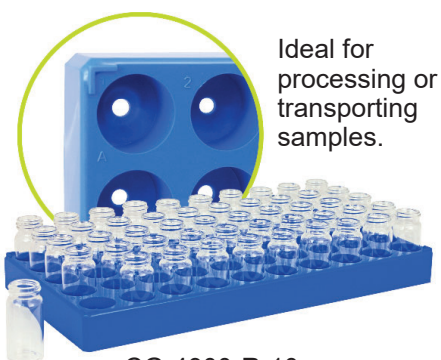
CG-4908-A-G04	40mL Graduated Vials with Marking Spot, Amber, 28mm OD x 95mm Height, 24-414 Thread Size, White Solid Top Cap with Bonded Silicone/PTFE Liner, SBS Coated White Tray	100	\$254.75 ▲
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50-Place Rack for Scintillation, EPA, Reaction and Sample Vials

Blue polypropylene, heavy-duty racks are autoclavable and have excellent chemical resistance. Racks have alphanumeric grids. Stackable when not in use. Drain hole (6.5mm dia.) in each vial cavity. Racks measure 13"L x 6-7/8"W x 1-3/16"H. Holes are 1.1" dia. x 0.920" deep, (28 x 23mm).

Vial Rack for Scintillation

Part No.	Description	Qty.	Price
CG-4900-R-10	20-40mL Vial Rack, 50-Place, Polypropylene	1	\$50.00 ▲



Ideal for processing or transporting samples.

CG-4900-R-10
(Vials Sold Separately)

▲ Subject to vials / containers discount. * Not subject to discount.

Green PTFE-Lined Caps

These caps provide a wide range of chemical capability and temperature tolerance. The foam-backed PTFE resists attack from virtually all chemicals at room temperature while providing for a leak-tight seal. **NOT AUTOCLAVABLE.**



CG-895-series

Green Caps with PTFE Liners

Part No.	Description	Qty.	Price
CG-895-02	Cap, Green, Solid Top, with PTFE Liner, 13-425	100	\$62.30 †
CG-895-03	Cap, Green, Solid Top, with PTFE Liner, 15-425	100	\$70.80 †
CG-895-04	Cap, Green, Solid Top, with PTFE Liner, 18-400	100	\$92.70 †
CG-895-05	Cap, Green, Solid Top, with PTFE Liner, 20-400	100	\$93.25 †
CG-895-06	Cap, Green, Solid Top, with PTFE Liner, 22-400	100	\$111.40 †
CG-895-07	Cap, Green, Solid Top, with PTFE Liner, 24-400	100	\$143.30 †

Caps with PTFE Septa for 1 and 2 Dram Vials

Replacement caps for 1 and 2 dram vials.

Sample Vial Caps with PTFE Septa

Part No.	Description	Qty.	Price
CG-4911-10	Cap, Green, Solid Top, 13-425, PTFE Septa	100	\$67.85 ▲
CG-4911-12	Cap, Green, Solid Top, 15-425, PTFE Septa	100	\$69.95 ▲



Solid top green caps with PTFE septa.

Solid Top Caps with Bonded SURE-LINK Liners (PP / PTFE / silicone)

These caps, made of polypropylene, are ideal for use with volatile solvents, sensitive compounds, and biological media. The SURE-LINK bonding process welds each cap with a polypropylene / PTFE / silicone liner. This allows the cap to maintain a seal through multiple autoclaving operations or cleaning procedures without the use of adhesives. Caps are ideal for storage of samples for prolonged periods of time. They are autoclavable at 121°C.

Sample Vial Caps with SURE-LINK™ PP / PTFE / Silicone Septa

Part No.	Description	Qty.	Price
CG-4911-13	Cap, White, Solid Top, 13-425, with 0.60" Septa	100	\$69.35 ▲
CG-4911-14	Cap, White, Solid Top, 15-425, with 0.60" Septa	100	\$71.70 ▲
CG-4911-21	Cap, White, Solid Top, 24-400, with 0.125" Septa	100	\$105.55 ▲



White caps are ideal for storage purposes.

Open Top Caps with Bonded SURE-LINK Liners (PP / PTFE / silicone)

These caps, made of polypropylene, are ideal for use with volatile solvents, sensitive compounds, and biological media. The SURE-LINK bonding process welds each cap with a polypropylene / PTFE / silicone liner. This allows the cap to maintain a seal through multiple autoclaving operations or cleaning procedures without the use of adhesives. Caps are ideal for storage of samples for prolonged periods of time. They are autoclavable at 121°C.

Sample Vial Open Top Caps with SURE-LINK™ PP / PTFE / Silicone Septa

Part No.	Description	Qty.	Price
CG-4910-15	Cap, Green, Open Top, 13-425, with 0.60" Septa	100	\$90.20 ▲
CG-4910-16	Cap, Green, Open Top, 15-425, with 0.60" Septa	100	\$88.85 ▲
CG-4911-20	Cap, Green, Open Top, 24-414, with 0.125" Septa	100	\$105.55 ▲



Green open top caps with SURE-LINK septa.

20mL Glass Scintillation Vials, 22-400 Finish

Scintillation vials are made with low potassium borosilicate, Type 1 glass and will fit all liquid scintillation equipment. Vials are packed into shrink wrapped compartmentalized trays of 100 pieces. All vials have 22-400 finish.



Vials Without Caps



Vials With White Caps



Vials With Black Caps



Black Phenolic Cone Lined Caps

Part No.	Description	Qty.	Price
Vials Without Caps, 22-400			
CG-4940-10	Vials Without Caps, 22-400 Finish, 100 / tray	100	\$78.80 *
CG-4940-11	Vials Without Caps, 22-400 Finish, 500 / Case	500	\$375.25 *
Vials with 22-400 White PP Foil / Pulp Lined Caps			
CG-4940-20	Vials with 22-400 White PP Foil / Pulp Lined Caps, 100 / Case	100	\$87.55 *
CG-4940-21	Vials with 22-400 White PP Foil / Pulp Lined Caps, 500 / Case	500	\$425.15 *
CG-4940-22	Vials with 22-400 White PP Foil / Pulp Lined Caps, Unassembled, 500 / Case	500	\$416.25 *
Vials with 22-400 White Urea Cone Lined Caps			
CG-4940-30	Vials with 22-400 White Urea Cone Lined Caps, 100 / tray	100	\$102.80 *
CG-4940-31	Vials with 22-400 White Urea Cone Lined Caps, 500 / Case	500	\$501.40 *
CG-4940-32	Vials with 22-400 White Urea Cone Lined Caps, Unassembled, 500 / Case	500	\$495.05 *
Vials with 22-400 Black Phenolic Cone Lined Caps			
CG-4940-40	Vials with 22-400 Black Phenolic Cone Lined Caps, 100 / tray	100	\$104.30 *
CG-4940-41	Vials with 22-400 Black Phenolic Cone Lined Caps, 500 / Case	500	\$504.35 *
CG-4940-42	Vials with 22-400 Black Phenolic Cone Lined Caps, Unassembled, 500 / Case	500	\$496.30 *
Vials with 22-400 White PP Linerless Seal Cap			
CG-4940-70	Vials with 22-400 PP Linerless Seal Cap, 100 / tray	100	\$104.10 *
CG-4940-71	Vials with 22-400 PP Linerless Seal Cap, 500 / Case	500	\$507.90 *
CG-4940-72	Vials with 22-400 PP Linerless Seal Cap, Unassembled, 500 / Case	500	\$514.05 *

* Manufactured Glassware Product Line

▲ Subject to vials / containers discount. * Not subject to discount.

Microwave Reaction Vials in Complete Packages

Perform microwave-heated reactions in vials secured by 20mm aluminum seals with 0.125-inch thick, blue PTFE / white silicone septa. Vials are made from heavy-wall, Type I, Class A borosilicate glass for its high resistance to both chemical and thermal shock. Microwave reaction vials are designed to withstand pressures up to 300 PSI (20 bars). PTFE-coated stir bars are used to provide continuous stirring and even heating during reactions.

A range of vial styles and sizes is offered for flexibility and scale-up.

- 0.2-0.5mL
- 0.5-2mL Tapered Vials
- 2-5mL Round Bottom Vials
- 10-20mL Round Bottom Vials

Chemglass microwave vials come complete with vials, septa and stir bars packed for convenience, cleanliness and protection in white corrugated cartons with removable trays of ten vials each. For crimper and decapper tools see CG-4930.

PLEASE NOTE: Stir bars and aluminum seals are supplied with complete packages but are not assembled.



CG-4920-series

Microwave Reaction Vials - Complete Packages

Part No.	Description	Qty.	Price
CG-4920-01	2-5m, 17mm OD x 83mm Long	100	\$585.45†
CG-4920-02	10-20mL, 28mm OD x 83mm Long	100	\$1,707.65†
CG-4920-03	0.5-2mL Tapered, 17mm OD x 83mm Long	100	\$744.90†
CG-4920-04	0.2-0.5mL, 8mm OD x 83mm Long	100	\$1,190.85†

(0.2 - 0.5mL Glass Vials require the PEEK adapter collar to attach crimp seals and septa. This is not included or sold by Chemglass.)



Complete Packages

Silver Aluminum Seals for Microwave Vials - 20mm

Part No.	Description	Qty.	Price
CG-4920-10	With 0.125" Thick, Blue PTFE / White Silicone Septa Installed	200	\$256.70 †

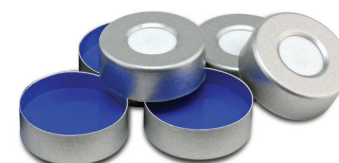
PTFE Stir Bars and Vanes

Part No.	Description	Qty.	Price
CG-4920-15	Stir Bars, PTFE, 3mm Diameter x 10mm Long	50	\$173.35 †
CG-4920-16	Stir Bars, PTFE, 6mm Diameter x 15mm Long, Egg Shaped	12	\$32.75 †
CG-4920-17	Stir Vanes, PTFE, 5.25mm Width x 11mm Height	50	\$170.35 *
CG-4920-18	Stir Bars, PTFE, 2mm Diameter x 5mm Long	50	\$147.00 †

† Reusable Glass / Plastic

Hand-Operated Crimpers and Decappers for 20mm Vials

Part No.	Description	Qty.	Price
CG-4930-20	20mm Hand Operated Crimper	1	\$323.60 ^
CV-5706-0020	20mm Hand Operated Decapper	1	\$369.70 ^
CG-4930-21	20mm Plier-Style Decapper	1	\$148.00 ^



Aluminum Seals



PTFE Stir Bars



Plier-Style Decapper



Hand-Operated
CG-4930-series'



CG-1761-20
Kit includes one each of eight sizes

PTFE Vial Funnels

PTFE funnels screw securely onto any standard laboratory vial having a GPI thread. Design allows for easy, safe and mess-free product transfer. NOTE: Vials are not included with funnels.

PTFE Vial Funnel Kit

Part No.	Description	Price
CG-1761-20	Funnel Kit, Supplied with a Polypropylene Box and 1 Each of the Eight Funnel Sizes Listed Below	\$211.10 *

Individual PTFE Vial Funnels

Part No.	OD (in.)	GPI Thread	Price
CG-1761-01	1.0	8-425	\$23.15 *
CG-1761-02	1.0	9-425 and 10-425	\$23.15 *
CG-1761-03	1.0	13-425	\$23.70 *
CG-1761-04	1.4	15-425	\$27.90 *
CG-1761-05	1.4	18-400	\$27.90 *
CG-1761-06	1.9	20-400	\$44.35 *
CG-1761-07	1.9	22-400	\$32.85 *
CG-1761-08	1.9	24-400	\$34.75 *

Rotary Evaporator Vial Adapter Kit

Adapters permit the connection of standard laboratory dram sample vials directly to the vapor tube or a bump trap of a rotary evaporator. Adapters have a top outer joint of the listed size and a 20-400 G.P.I. thread at the bottom. A PTFE-lined, phenolic, double-threaded connector attaches the vial to the adapter.

Complete Vial Adapter Kits with Standard Taper Glass Adapters

Part No.	Kit Descriptions	Price
CG-1318-40	24/40 Glass Adapter with Six Threaded Vial Adapters: 13-425, 15-425, 18-425, 20-400, 22-400, 24-400	\$204.60 *
CG-1318-41	29/26 Glass Adapter with Six Threaded Vial Adapters: 13-425, 15-425, 18-425, 20-400, 22-400, 24-400	\$214.70 *
CG-1318-42	29/42 Glass Adapter with Six Threaded Vial Adapters: 13-425, 15-425, 18-425, 20-400, 22-400, 24-400	\$214.70 *

Threaded Vial Adapters Only - Kit of Six Sizes

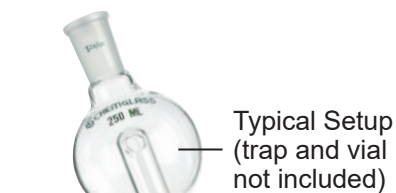
Part No.	Descriptions	Price
CG-1318-30	Six Threaded Vial Adapters Only: 13-425, 15-425, 18-425, 20-400, 22-400, 24-400	\$152.50 *

Threaded Vial Adapters Only - Individual

Part No.	Descriptions	Price
CG-1318-10	Glass Adapter, 24/40	\$61.10 *
CG-1318-11	Glass Adapter, 29/26	\$69.10 *
CG-1318-12	Glass Adapter, 29/42	\$69.10 *
CG-1318-20	Connector Only, 13-425 Vials	\$20.85 *
CG-1318-21	Connector Only, 15-425 Vials	\$22.25 *
CG-1318-22	Connector Only, 18-425 Vials	\$24.75 *
CG-1318-23	Connector Only, 20-400 Vials	\$25.65 *
CG-1318-24	Connector Only, 22-400 Vials	\$26.25 *
CG-1318-25	Connector Only, 24-400 Vials	\$34.15 *

* Manufactured Glassware Product Line * Machined Product Line

▲ Subject to vials / containers discount. * Not subject to discount.



Kit with glass adapter and six double-threaded connectors

CG-1318-series glass adapter only



ARE 5 Stirring Hot Plate, Analog, 135mm Aluminum Alloy Plate

- Insulating disk to protect internal parts.
- The 135 mm diameter aluminum alloy top plate ensures a great temperature homogeneity and optimum heat transfer across the entire surface.
- Two illuminated indicators always inform the operator when heating is on and temperature above 50°C.
- Stirs up to 15 l from 100 to 1500 rpm with SpeedServo™ counter reaction.
- Brushless motor ensuring power and resistance over time.

ARE 5 Stirring Hot Plate, Analog

Part No.	Description	Price
CG-1997-S-20	ARE 5 Stirring Hot Plate, Analog, 135mm Aluminum Alloy Plate, 115V, 60 Hz, VELP	\$611.00 *

NEW



CG-1997-S-20

AREX 5 Stirring Hot Plate, Analog, 135mm Ceraltop Plate

- Upgradable to digital with VTF ensuring temperature accuracy of $\pm 0.5^\circ\text{C}$.
- Insulating disk to protect internal parts.
- The 135 mm diameter top is protected from chemicals and scratches by the superior resistant CerAlTop™ ceramic coating.
- Two illuminated indicators always inform the operator when heating is on and temperature above 50°C.
- Stirs up to 20 l from 100 to 1500 rpm with SpeedServo™ counter reaction.
- Brushless motor ensuring power and resistance over time.

AREX 5 Stirring Hot Plate, Analog

Part No.	Description	Price
CG-1997-S-30	AREX 5 Stirring Hot Plate, Analog, 135mm CerAlTop Plate, 115V, 60 Hz, VELP	\$737.00 *

NEW



CG-1997-S-30

AREX 5 Stirring Hot Plate, Digital, 135mm Ceraltop Plate

- The internal electronic parts are protected by the insulating disk to resist even to the most challenging environments and applications.
- Hot Surface safety message displayed when the temperature is above 50 °C.
- The 135 mm diameter top is protected from chemicals and scratches by the superior resistant CerAlTop™ ceramic coating.
- Ideal for temperature sensitive applications in many industrial and academic laboratories.
- Precise thermoregulation of the medium with Pt100/Pt1000 probe ($\pm 1.0^\circ\text{C}$) and VTF Digital Thermoregulator ($\pm 0.5^\circ\text{C}$).
- Thermoregulation range from room temperature up to 310 °C.
- Brushless motor ensuring power and resistance over time.
- Stirs up to 20 l from 50 to 1500 rpm.
- SpeedServo™ counter reaction technology maintains the speed constant as viscosity changes.

AREX 5 Stirring Hot Plate, Digital

Part No.	Description	Price
CG-1997-S-40	AREX 5 Stirring Hot Plate, Digital, 135mm CerAlTop Plate, 115V, 60 Hz, VELP	\$877.00 *

NEW



CG-1997-S-40

NEW

AREX 5 Advance Hot Plate Stirrer

State-of-the-art heating magnetic stirrer combining powerful performance, advanced safety features, several connectivity options, and enhanced user experience. Designed to meet the highest demands, it ensures precision, efficiency, and uncompromising safety in every experiment.

Stirring Capacity: Up to 20 L (H₂O)
Speed Range: 30 – 1700 rpm



Elevating Laboratory Standards

- Set temperature ramps, monitor viscosity, switch stirring modes, and streamline workflows with advanced timing and connectivity.
- Remote control and monitoring via VELP Ermes Cloud Platform.
- Save and transfer data via USB.

Precise Thermoregulation

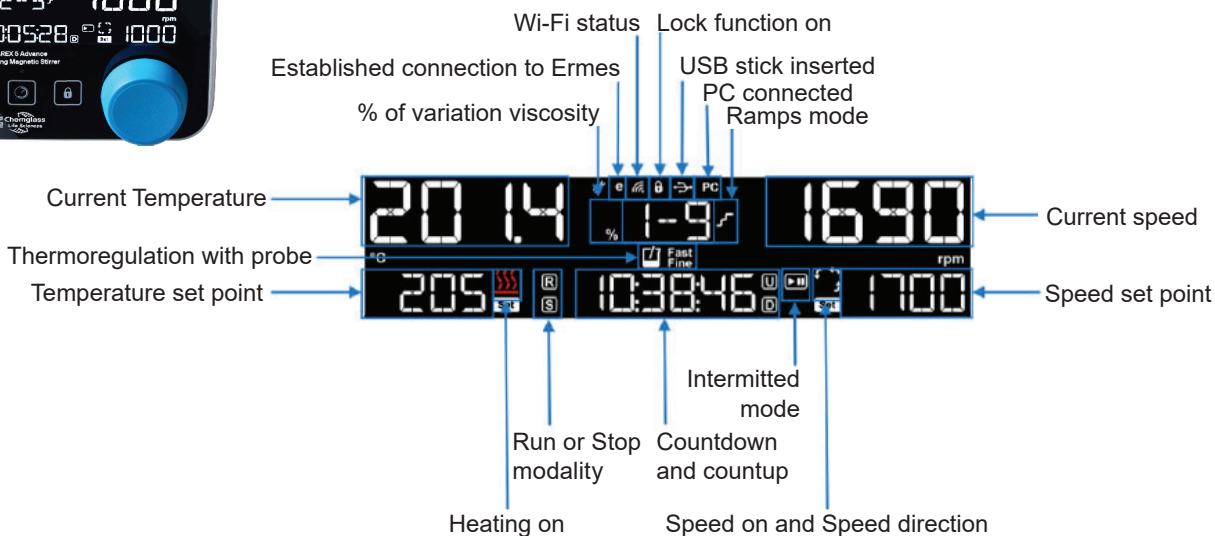
- Maximum control for temperature-sensitive tasks with Pt100 Pt1000 probe or VTF Digital Thermoregulator.
- When connected to probes two modes available: Fast (rapid heating) and Fine (minimized overshoot).
- Thermoregulation range: ambient to 310 °C.

Advanced Stirring

- Durable brushless motor with strong magnetic coupling.
- Stirs up to 20 L from 30 to 1700 rpm.
- Auto-reverse, intermittent mode, and adjustable speed limit.

Safety First

- A tempered glass panel ensures clear visibility and enhanced chemical resistance.
- Built-in safety features: lock button, over-temperature protection, and safety circuits.
- “Hot” warning remains active above 50 °C, even when heating is off.





Nemko mark indicates compliance with the following standards CSA and UL



Part No.	Description	Price
CG-1997-V-610	AREX 5 Advance Hot Plate Stirrer with probe	\$1,336.00*
CG-1997-V-650	AREX 5 Advance Hot Plate Stirrer with probe; vertical support rod, boss head, and support/holding rod	\$1,416.00*

User interface	Digital
Housing material	Aluminum body - Technopolymer enclosure
Plate material	CerAlTop™
Plate diameter	135 mm
Stirring volume (H₂O)	20 L
Stirring speed range	30 - 1700 rpm
Speed control	Digital
Motor	Brushless
Torque compensation	SpeedServo™
Temperature range	Room temp. - 310 °C
Heating control	Digital
Temperature setting resolution	1°C
External temperature sensor connection	Pt100, Pt1000, VTF
Thermoregulation range	Room temp. - 310 °C (Pt100, Pt1000) Room temp. - 300 °C (VTF)
Thermoregulation accuracy	± 0.5 °C (VTF) ± 1 (Pt100, Pt1000)
Hot top warning system	On Display (temperature > 50 °C)
Timer	Yes (1 s - 99 h 59 min)
Autoreverse	Yes (5 s - 99 h 59 min)
Intermittent mode	Yes (5 s - 99 h 59 min)
Settable rotation direction	Yes: clockwise and counterclockwise
Viscosity trend measurement	Yes
Ramps	Up to 9 temperatures, up to 9 speeds
Safety lock	Yes
Connectivity	Ermes Cloud Platform via Wi-Fi CotrollerSoft™ PC and pendrive via USB-C
Protection class	IP 42
Power input	630 W
Weight	1.9 kg (4.2 lb)
Dimensions (WxHxD)	160x85x270 mm 6.3 x 3.3 x 10.6 in



CG-1997-L-10

RCT Basic Magnetic Hot Plate Stirrer, 115v/50-60hz, IKA

RCT basic is suitable for stirring tasks up to 20 l (H₂O) and reaches a hotplate temperature of up to 310°C. With the connection option for an external temperature sensor (PT 1000.60 include), the temperature can be measured and controlled directly in the reaction medium.

In the latest generation, RCT basic presents itself in proven quality and with numerous new features:

- Tempered shatterproof glass surface for optimal chemical resistance and easy cleaning
- Largest display in its class with easy-to-read LED display
- Illuminated symbols for displaying important status information (set and actual temperature, heating status, temperature sensor)
- USB and RS232 interface for control or documentation of the test parameters via a PC
- Compatible with labworldsoft® laboratory software
- QR code for quick access to device information, accessories, downloads and extended warranty
- Easily accessible main switch on the front of the device

RCT Basic Magnetic Hot Plate Stirrer, 115v/50-60hz, IKA

Part No.	Description	Price
CG-1997-L-10	RCT Basic Magnetic Hot Plate Stirrer, 115V/50-60HZ	\$1,388.00 †



CG-1997-H-10

RET Basic Magnetic Hot Plate Stirrer, 115v/50-60hz, IKA

- With adjustable safety circuit of heating plate temperature (50 - 380 °C)
- Safety magnetic stirrer with heating, suitable for unsupervised operation
- Bushing according to DIN 12878 for connecting a contact thermometer, e.g. ETS-D5, enables precise temperature control
- High level of safety thanks to improved heat control technology
- Enclosed assembly (IP 42) guarantees long service life
- Very broad temperature range (RT - 340 °C)
- Extremely fast heating times
- Electronic speed control
- High magnetic adhesion
- Automatic switch-off of the heating function if the connected external temperature sensor is not immersed in the medium. Function selectable, timeout time adjustable (Error 5).

RET Basic Magnetic Hot Plate Stirrer, 115v/50-60hz, IKA

Part No.	Description	Price
CG-1997-H-10	RET Basic Magnetic Hot Plate Stirrer, 115V/50-60HZ	\$1,852.00 †



*Your IKA device is usually delivered with a two-year warranty. By registering online, this can be extended for another year free of charge (2+1). You can benefit from the free warranty extension with just a few clicks at www.ika.com/register. Please note that the registration has to be completed within 90 days of purchase.

Vial Reaction Blocks

- Aluminum construction provides excellent heat transfer while not interfering with the magnetic field
- Holes spaced for optimum stirring of all vials
- Color-anodized for strength, durability, chemical resistance and easy identification
- Fit directly on 135mm diameter round top, hot plate stirrers
- Thermowell for insertion of a PT-100 temperature sensor or contact thermometer

Made to Fit all 135mm Round Top Hot Plate Stirrers

TRI-BLOCK fits three common size vials in one reaction block

Single-size blocks provide holes for more vials

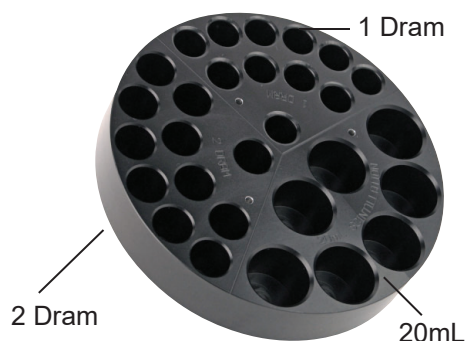


Reaction TRI-BLOCK™ Holds 1 Dram, 2 Dram & 20mL Scintillation Vials

Versatile, TRI-BLOCK fits the most common vial sizes on one hot plate: 11 each of 1 Dram vials, 11 each of 2 Dram vials, 7 each of 20mL vials. Drilled thermowells provided for insertion of PT-100 temperature sensors. Custom configurations are available; contact us for pricing.

Reaction TRI-BLOCK™ for Multiple Size Vials

Part No.	Description	Price
CG-1991-T-10	Fits 1 Dram, 2 Dram and 20mL Scintillation Vials, Black Hard-Coated Aluminum	\$441.15 *

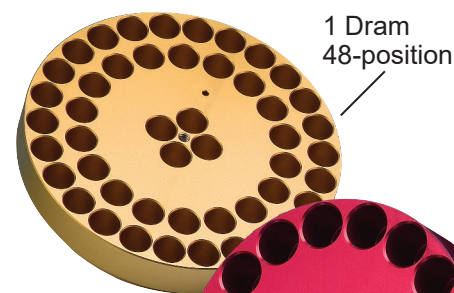


Each section of the TRI-BLOCK is engraved with the vial size

Single-Size Vial Reaction Blocks

Reaction Blocks for Individual Size Vials

Part No.	No. of Places	Vol.	Vial Dims. (mm)	Color	Hole Depth (mm)	Price
CG-1991-01	17	20 mL	28 x 60	black	24	\$293.25 *
CG-1991-02	17	30 mL	28 x 73	green	30	\$318.75 *
CG-1991-03	17	40 mL	28 x 98	orange	43	\$325.55 *
CG-1991-04	48	1 dram	15 x 45	gold	19	\$368.15 *
CG-1991-05	34	2 dram	17 x 60	blue	25	\$358.10 *
CG-1991-06	21	4 dram	21 x 70	red	32	\$332.50 *



Call for Custom Blocks!

PIE-BLOCKS for 135mm Diameter Round Top Hot Plate Stirrers

- Safety PIE-BLOCK Holder securely locks up to four pie wedges on the hot plate
- Fits 135mm diameter hot plate stirrers and holes are spaced for optimal stirring
- Aluminum construction for excellent heat transfer without interfering with magnetic field
- Interchangeable pie wedges permit various sized vials or flasks on one hot plate
- Drilled thermowells for insertion of contact thermometer or temperature sensor
- Custom configurations available - contact us for details

PIE-BLOCK Holders for 135mm Diameter, Round Top Hot Plate Stirrers

Part No.	Description	Price
CG-1991-P-01	Complete PIE-BLOCK System with Holder includes: <i>CG-1991-P-05, CG-1991-P-10, CG-1991-P-11, CG-1991-P-12, CG-1991-P-13, CG-1991-P-14 and CG-1991-P-15</i>	\$620.00 *
CG-1991-P-05	Safety Holder ONLY, for 135mm Circular Hot Plates, Green	\$134.10*

Anodized Aluminum Pie Wedges for Vials and Flasks, Color-Coded

Part No.	Included in Complete System	No. of Places	Vol. (mL)	Vial Dims. (mm)	Color	Hole Depth (mm)	Price
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Wedges for Scintillation Vials

CG-1991-P-10	yes	4	20	28 x 60	black	24	\$88.35 *
CG-1991-P-11	yes	4	30	28 x 73	green	30	\$96.80 *
CG-1991-P-12	yes	4	40	28 x 98	orange	43	\$111.85 *

Wedges for Dram Vials

CG-1991-P-13	yes	9	4 (1 dr)	15 x 45	gold	19	\$108.35 *
CG-1991-P-14	yes	8	8 (2 dr)	17 x 60	blue	25	\$104.70 *
CG-1991-P-15	yes	4	16 (4 dr)	21 x 70	red	32	\$96.80 *

Wedges for Microwave Vials (NOTE: CG-1991-P-23 is for a tapered vial)

CG-1991-P-19	no	8	2-5	—	turq.	—	\$109.65 *
CG-1991-P-20	no	4	10-20	—	berry	—	\$111.95 *
CG-1991-P-23	no	8	0.5-2	—	purple	—	\$139.20 *

Wedges for Round Bottom Flasks

CG-1991-P-30	no	1	10	—	gold	—	\$129.70 *
CG-1991-P-32	no	1	25	—	blue	—	\$132.50 *
CG-1991-P-34	no	1	50	—	red	—	\$135.60 *
CG-1991-P-36	no	1	100	—	black	—	\$138.40 *

Digital Thermoregulator, Built-In Timer, VELP

Fuzzy Logic technology provides accurate set point +/- 0.5 C. Digital count down timer shuts off heating; adjustable from 0 to 24:59 (h:min). Integral clamp for mounting on support rod.

Part No.	Description	Price
CG-1995-V-20	Digital Thermoregulator ONLY, with Built-In Timer	\$417.00 ■

■ Chemistry Equipment and Hardware Product line.



CG-1991-P-01



CG-1995-V-20
Thermoregulator

Versatile design securely locks up to four pie wedges together

OptiCHEM® Heater Block Adapter for Vacuum Evaporator Blocks

- Fits all 135mm diameter hot plate stirrers and offers great visibility of reactions
- Excellent heat distribution
- PTFE shield prevents potential burns and provides a safe contact area
- Aluminum construction for excellent heat transfer won't interfere with magnets
- Thermowell provided for a contact thermometer or PT100 sensor

Lower edge of block covers side of top plate and prevents block from slipping, allowing for safe heating of your Chemglass or Genevac blocks. PTFE shield on heating block keeps exterior surface area at a temperature that is safe to touch.

Part No.	Description	Price
OP-6700-01	Heater Block Adapter	\$967.60 *

OptiCHEM Centrifugal Vacuum Evaporator Blocks for Vials and Tubes

Part No.	Accommodates	Positions	Vol. (mL)	Dims. (mm)	Price
OP-6600-04	shell vials	96	—	8 x 30	\$289.00 *
OP-6600-03	HPLC flat bottom vials	48	—	12 x 32	\$259.15 *
OP-6600-05	1 dram flat bottom vials	24	4	15 x 45	\$259.15 *
OP-6600-07	2 dram flat bottom vials	24	8	17 x 60	\$259.15 *
OP-6600-09	4 dram flat bottom vials	15	16	21 x 70	\$259.15 *
OP-6600-11	flat bottom scintillation vials	11	20 30	28 x 57 28 x 70	\$259.15 *
OP-6600-12	flat bottom scintillation vials (two-tier)	11	40 60	28 x 70 28 x 95	\$333.35 *
OP-6600-18	Haystack sample vials	24	—	14 mm (OD)	\$260.90 *
OP-6600-20	tapered microwave vials (two-tier)	24	0.5-2	16 x 83	\$332.50 *
OP-6600-21	round bottom microwave vials (two-tier)	24	2-5	16 x 83	\$332.50 *
OP-6600-22	microwave vials (two-tier)	8	20	28 x 83	\$332.50 *
OP-6600-30	round bottom tubes	70	—	10 x 75	\$259.25 *
OP-6600-34	round bottom tubes	40	—	12 x 75	\$259.25 *
OP-6600-36	round bottom tubes (two-tier)	24	—	13 x 100	\$332.90 *
OP-6600-38	round bottom tubes (two-tier)	24	—	16 x 100	\$332.90 *
OP-6600-40	round bottom tubes (two-tier)	24	—	18 x 100	\$332.90 *
OP-6600-42	round bottom tubes (two-tier)	12	—	25 x 100	\$332.90 *

OptiCHEM Multi-Vial Block, 25-Position Aluminum Block

Part No.	Description	Price
OP-6600-90	Chemical-Resistant, Black, Hard-Coated Aluminum	\$277.40 *

Holds (4) 20-40mL Scintillation Vials, (5) 2 Dram Vials or 2-5mL Microwave Vials, (7) 1 Dram Vials, and (9) 12 x 32mm Autosampler Vials



OP-6700-01



PTFE shield reduces exterior temperature by as much as 100°C



OP-6600-09

OptiCHEM Blocks for Vials & Tubes

For use in centrifugal vacuum evaporators. Designed to maximize evaporation while minimizing the weight of the block and thereby increasing sample volumes. Each block is made of black, hard-coated aluminum for resistance to organic solvents and laser etched with the vial / tube size.



OP-6600-90

OptiCHEM Multi-Vial Block

Hold vials while transferring solutions or solids. Can also be used in centrifugal vacuum evaporators.



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Meets Biology...**

Since 1946

