



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▲ |

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▲ |

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▲ |



CV-1150-1232



CV-1151-1232



CV-1152-1232



CV-1153-1232



CV-1019-1232



CV-1021-1232



Convenience Packs



Preassembled Convenience Kits



Convenience Packs

Eliminate Loose Septa

Septa are bonded to caps without the use of adhesives.



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.



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▲ |

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

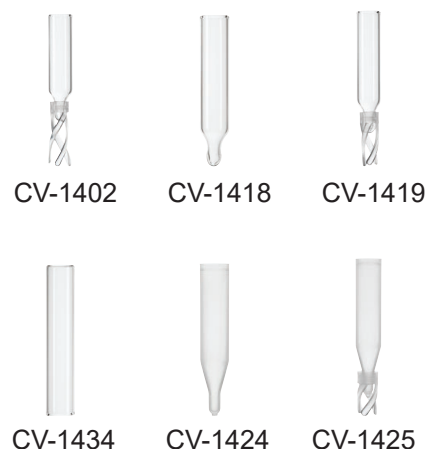
Big Mouth Inserts for 9mm Vials

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▲ |

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▲ |



Threaded Closures
(Other colors available.)

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 ▲ |

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 ▲ |

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 ▲ |

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 ▲ |



CV-1033



CV-1013



CV-1015



CV-1048



CV-1049



CV-1034



CV-1035



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



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

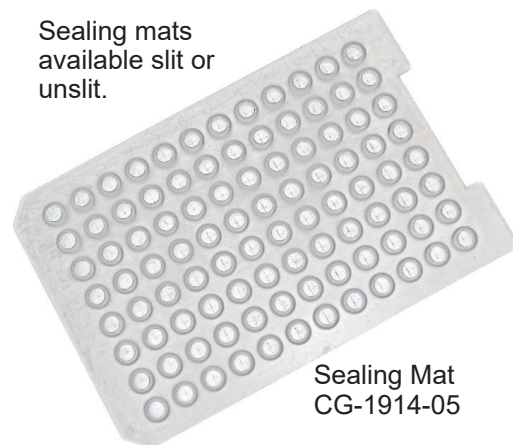
Reaction Block Vial Holder, Loader and Sealing Mats

| 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 ▲ |

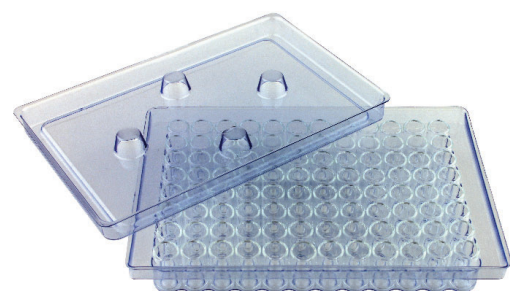
▲ Subject to Vials / Containers Discount

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.

Sealing mats
available slit or
unslit.



Sealing Mat
CG-1914-05



Vial Loader CG-1914-03



**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)

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 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 ▲ |



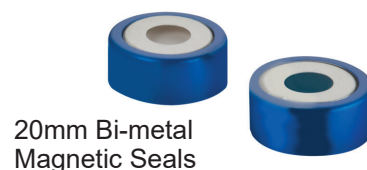
20mm Silver Aluminum Pressure Release Seals

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 Bi-metal Magnetic 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 ▲ |



20mm Silver Aluminum Seals

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

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



Shelf Packs of 20mL Vials

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-4912-06 | 40mL | 28 x 95 | 24-414 | 100 | \$230.85 ▲ |

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



Shelf Packs of 2 dram Vials



Larger Quantity 100-Packs

▲ 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

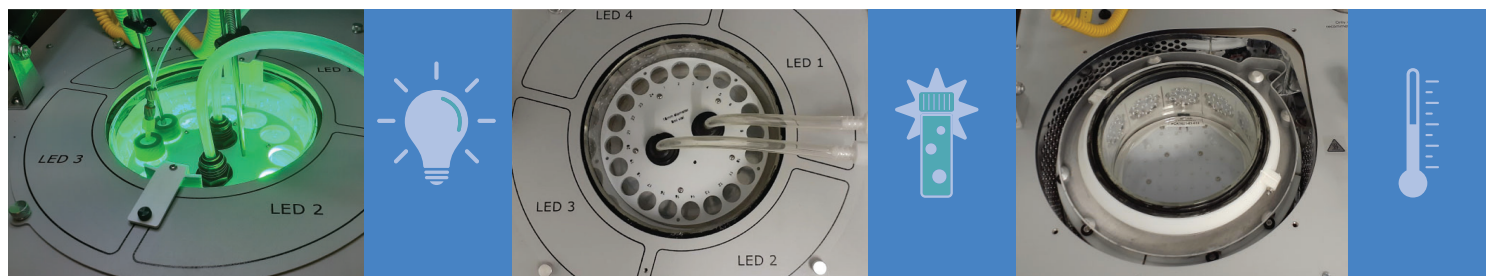
Thermally Insulated Reactions

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.

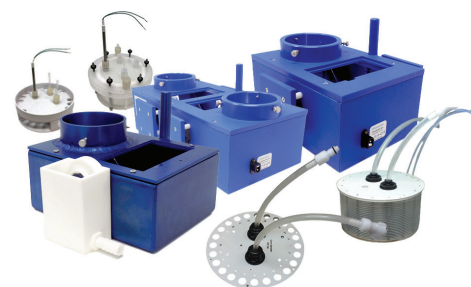
Reaction vials are immersed in a thermostatic bath controlled by an external heater/ chiller unit, enabling temperature controlled experiment conditions.

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

See Graduated Vials on page 21.

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▲ |



CG-4904



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.



CG-4902-series

See Separate Caps on page 21.



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.



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▲ |

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▲ |



▲ 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 ▲ |

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 ▲ |

Amber Graduated High Recovery Vial

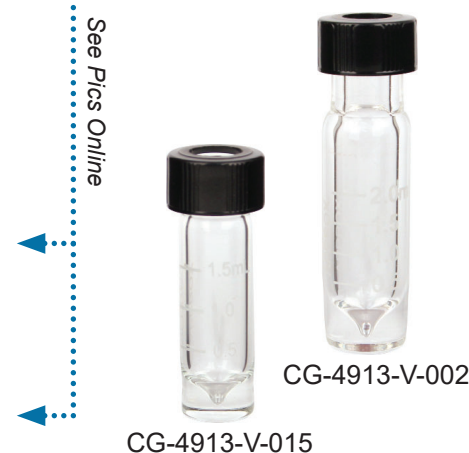
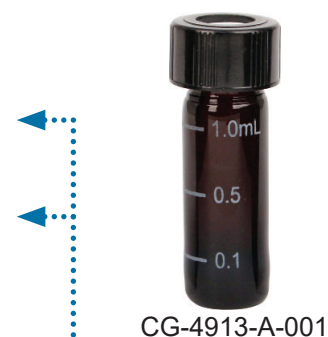
Vials are manufactured from Type 1, Class A Amber Borosilicate glass and come with an open-top cap with PTFE Silicone septa.

| 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 ▲ |

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 ▲ |



See Pics Online



CG-4916-series



CG-4910-series



CG-3750-0022



CG-4090-0022

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.

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 ▲ |

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 ▲ |

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 ▲ |

▲ 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 |
|-----------------------------------|---|------|------------|
| 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 ▲ |
| 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 ▲ |

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 ▲ |
| 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 ▲ |

Amber Vials (White Solid Top Cap)

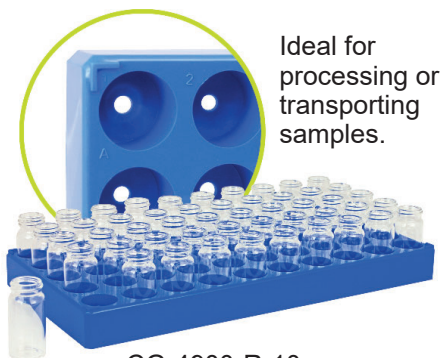
| | | | |
|----------------------|--|-----|------------|
| CG-4908-A-G03 | 20mL Graduated Vials with Marking Spot, Amber, 28mm OD x 57mm Height, 24-414 Thread Size, White Solid Top Cap with Bonded Silicone/PTFE Liner, SBS Coated White Tray | 100 | \$173.90 ▲ |
| CG-4908-A-G04 | 40mL Graduated Vials with 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 ▲ |

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 ▲ |



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.**

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 † |



CG-895-series

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.



Vials Without Caps



Vials With White Caps



Vials With Black Caps



Black Phenolic Cone Lined Caps

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.

| 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.

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.)

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 ▲ |



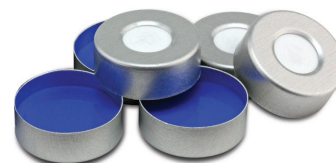
Plier-Style Decapper



CG-4920-series



Complete Packages



Aluminum Seals



PTFE Stir Bars



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.

NEW



CG-1997-S-20

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 * |

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.

NEW



CG-1997-S-30

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 * |

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.

NEW



CG-1997-S-40

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

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

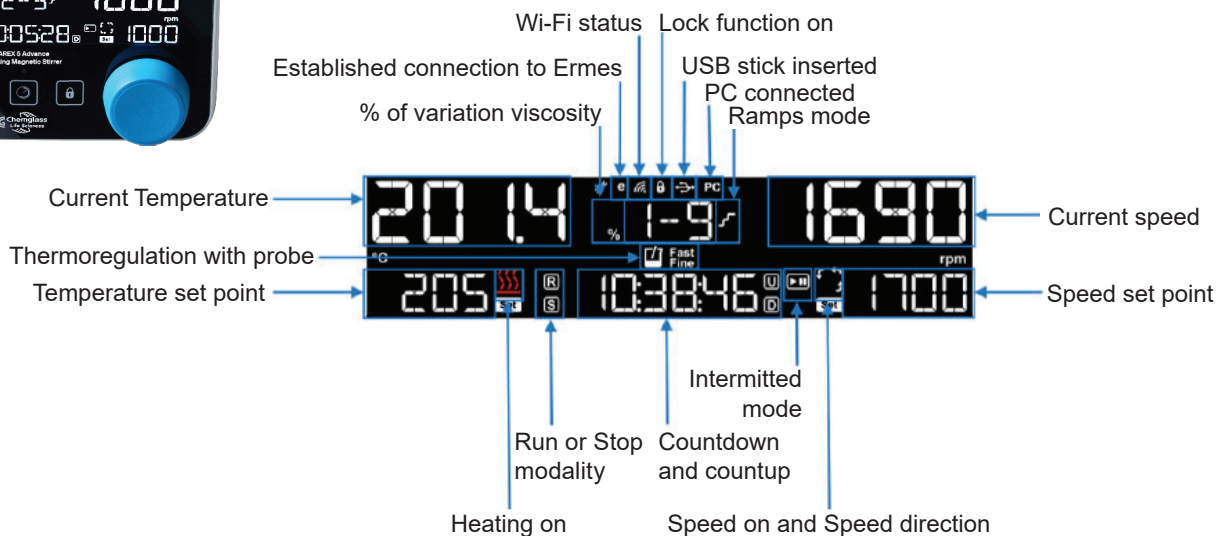
- Maximum control for temperature-sensitive tasks with Pt100 Pt1000 probe or VTF Digital Thermoregulator.
- When connected to probes two modes available: Fast (rapid heating) and Fine (minimized overshoot).
- Thermoregulation range: ambient to 310 °C.

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



| | |
|---|--|
| 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 |

Digital Hot Plate Stirrer with Probe

All the same features but without Cloud Wi-Fi Capability.

| Part No. | Description | Price |
|---------------------|--|--------------------|
| CG-1997-V-10 | AREX-6 Hot Plate Stirrer with Timer and PT100 Probe, 115V 50/60 Hz, Complies with CE, CSA and UL Standards | \$1,072.25* |
| CG-1997-V-50 | AREX-6 Hot Plate Stirrer Kit with Timer, PT 100 Probe, Vertical Support Rod, Boss Head, and Support / Holding Rod, 115V 50/60 Hz, Complies with CE, CSA and UL Standards | \$1,144.80* |



**BUY 2
GET 1
FREE**

Magnetic Hot Plate Stirrer

***WHILE SUPPLIES LAST**

*Participation in this offer is restricted to purchases at list price of CG-1997-V-50, Digital Magnetic Hot Plate Stirrer. Purchase two hot plate stirrers and get a third hot plate stirrer for free. Visit website to see full rules for this promotion.

- Integral timer - 1min to 99h:59min
- Ceramic-coated, aluminum top is scratch-proof & chemical resistant.
- Industry leading magnetic strength with extremely accurate stirring.
- Bright white LED and illuminated icons.
- Fast, precise heating and regulation.
- Torque compensation and auto reverse of stirring direction.
- PT100 Probe included.
- Service interval / service lifetime meter.
- Adjustable safety temperature circuit and overheat protection.



| Part No. | Description | Price |
|---------------------|--|--------------------|
| CG-1997-V-50 | COMPLETE Digital Hot Plate Kit, AREX-6 with probe, with Vertical Support Rod, Boss Head, and Support/Holding Rod, 115V | \$1,144.80* |

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

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

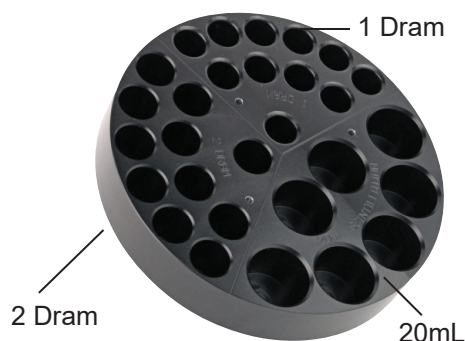


Reaction TRI-BLOCK™ Holds 1 Dram, 2 Dram & 20mL Scintillation Vials

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 * |

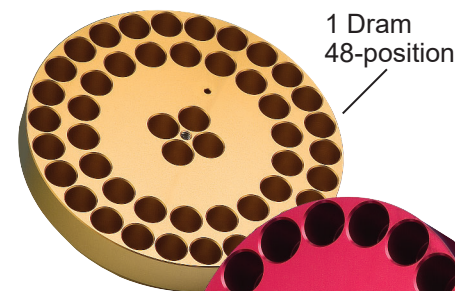


Each section of the TRI-BLOCK is engraved with the vial size

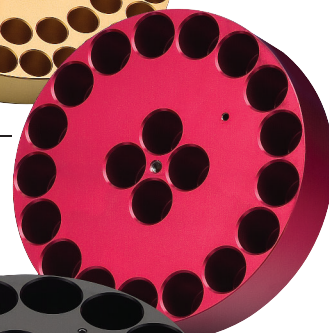
Single-Size Vial Reaction Blocks

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 * |



4 Dram 21-position



Call for Custom Blocks!



20mL 17-position



CG-1991-P-01

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 |
|----------|-----------------------------|---------------|-----------|-----------------|-------|-----------------|-------|
|----------|-----------------------------|---------------|-----------|-----------------|-------|-----------------|-------|

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-1995-V-20
Thermoregulator

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 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 | \$277.40 * |



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



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.



OptiCHEM Multi-Vial Block

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



*Where Chemistry
Meets Biology...*

Since 1946

