

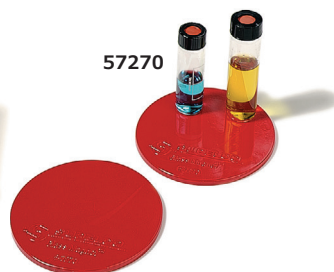
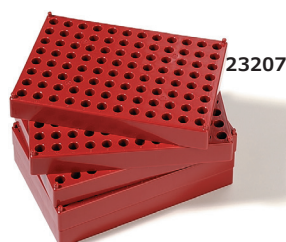
PID Lamps

Preassembled Sampling Vials

Description	Pkg. Size	Cat. No.
Screw Top with Solid Green Melamine Caps, PTFE Liner		
2 mL, clear glass, standard opening 4.6 mm	100	27134
4 mL, clear glass, 15 mm O.D. × 45 mm H	100	27138
7 mL, clear glass, 17 mm O.D. × 60 mm H	100	27150-U
15 mL, clear glass, 21 mm O.D. × 70 mm H	100	27161
22 mL, clear glass, 23 mm O.D. × 85 mm H	100	27172-U
40 mL, clear glass, 29 mm O.D. × 82 mm H	100	27181
2 mL, amber glass, standard opening, 4.6 mm	100	27000
4 mL, amber glass, 15 mm O.D. × 45 mm H	100	27001-U
7 mL, amber glass, 17 mm O.D. × 60 mm H	100	27002-U
15 mL, amber glass, 21 mm O.D. × 70 mm H	100	27003
22 mL, amber glass, 23 mm O.D. × 85 mm H	100	27004
40 mL, amber glass, 29 mm O.D. × 82 mm H	100	27182

Vial Accessories

- Hand Crimper – secures vial closure with a consistent and dependable seal
- Decapper – for quick and easy removal of an aluminum seal
- Vial Rack – convenient storage of screw and crimp cap vials
- Glass Magnet – keeps individual vials in place to prevent them from being accidentally knocked over



Description	Pkg.	Cat. No.
Hand Crimper, for use with 11 mm crimp seals	1 ea.	33195
Pliers-Type Decapper, for use with 11 mm crimp seals	1 ea.	33281
Vial Rack, for 12 x 32 mm vials (holds 50 vials)	5 ea.	23207
Glass Magnet, 4 inch diameter	2 ea.	57270



The photoionization detector (PID) lamp is a valuable tool for chromatographers and others investigating the presence of volatile organic compounds (VOCs). In fact, the PID continues to be the preferred choice for detecting VOCs due to its fast response time and sensitivity.

- Can detect volatiles as low as 1 ppb
- Emits very stable, precise photon energy
- More selective alternative than the flame ionization detector (FID)

Description	Chamber Gas	Cat. No.
Model 108, 10.0/10.6 eV	Krypton	22626
Model 108-BTEX, 10.0/10.6 eV	Krypton	23129-U
Model 103C, 10.0/10.6 eV	Krypton	22631
PID Window Cleaning Kit	—	22627

Wire Brush Detector Cleaning Kit

A collection of wire brushes specially tailored to clean FIDs and injection ports that accept 1/4 inch columns. The brass brushes prevent scratching and marring of expensive FID components.



Kit includes:

- Two detector brushes
- One injector port tube brush
- Brass toothbrush (for cleaning jets)
- A piece of emery (for electrical contacts)

Description	Pkg.	Cat. No.
For use with HP 5700, 5830	1 ea.	22403
For use with Varian® 3700, 1400 and 2700	1 ea.	22404

Vials Accessories for Vials



Glass Magnet Products

Our Glass Magnet Sheet prevents your glass apparatus from being knocked over accidentally. This 2' x 2' sheet (61cm x 61cm), with its tacky surface, effectively secures the vessels in place. It can be cut with a razor blade or utility knife to fit strategically on counter tops or in drawers containing fragile glassware. Add it to carts when transporting glass to another lab or into the field.

The Glass Magnet Vial Holder keeps individual vials, ampuls, and other vessels in place.

DESCRIPTION	CAT. NO.	PRICE
Glass Magnet Sheet, 2' x 2' (61 x 61cm)	57269	
Glass Magnet Vial Holder, 4" dia., pk. of 2	57270	



Space Saver Stack Racks

Economical and convenient storage for samples in your screw cap and crimp seal vials. Can be stacked when empty or full. Autoclavable, 120°C. Each case contains 5 racks.

VIAL DIAM (mm)	NO. VIALS PER RACK	RACK DIMENSIONS L x W x H (mm)	CAT. NO.	PRICE
6-8	96	183 x 125 x 23	23204-U	
11-12	50	192 x 100 x 23	23207	
15-16	48	268 x 95 x 30	23205-U	
17	90	320 x 170 x 30	23202	
22	36	320 x 90 x 30	23201	
29	50 [▲]	336 x 175 x 30	23206	

[▲] 40mL EPA vial.



Mini-Vap Evaporator/Concentrator

The 6-Port Mini-Vap concentrator/evaporator processes six miniature vials or containers at one time. Comes with six stainless steel needles, fine control needle valve, and three feet (0.9m) of plastic tubing.

The adjustable Mini-Vap is a versatile concentrator/evaporator that can be used with a single container. The unique design allows for any size container, from the smallest vial to a 250mL beaker. The Mini-Vap includes a needle valve for fine metering of air or nitrogen drying gas. Ideal for a wide variety of needs in evaporation or concentration.

DESCRIPTION	CAT. NO.	PRICE
6-Port Mini-Vap, 7½ x 1½ x ¾" (19 x 4 x 2cm)	22971	
Adjustable Mini-Vap, 1½ x 8½" *	22970	

*Adjusts to 11½ in.



Block Heater

Constant temperatures for derivatization and other reactions. The block heater features:

- Two temperature ranges, ambient to 60°C, 50°C to 130°C
- Three-position power switch and two adjustable thermostats
- Pilot light shows heat cycling operation

Two models: 120 volts (100 watts, 0.83 amps, 50/60 Hz) and 240 volts (100 watts, 0.42 amps, 50/60 Hz). Order blocks separately.

Block 1 has eight holes (21mm wide and 30mm deep), and accepts our 3mL or 5mL micro reaction vessels. Block 2 has twelve holes (17mm wide and 24mm deep), and accepts our 0.1mL to 2mL micro reaction vessels.

DESCRIPTION	CAT. NO.	PRICE
Block Heater (without block), 110VAC	33315	
Block Heater (without block), 220VAC [■]	33318-U	
Block 1, 8-hole	33316	
Block 2, 12-hole	33317-U	

[■] CE Approved

Order: 1.800.325.3010 Technical Support: 1.800.359.3041 Web: www.sigma-aldrich.com/supelco