

Preppy Vacuum Manifold for SPE

Product Specification

The Preppy™ vacuum manifold (Figure A) enables the user of solid phase extraction (SPE) tubes to prepare up to 12 samples simultaneously. It is Supelco's simplest and most economical manifold.

The Preppy manifold consists of a chemical-resistant cover and gasket, a glass basin, a vacuum release vent, 12 individual flow control valves with knurled tops and stainless steel solvent guide needles.

Accessories

- Collection Vessel Racks – two versions:
 - Cat. No. 57162-U (Figure B) holds 15 mL (with 21 mm O.D.) and 20 mL (with 28 mm O.D.) vials.
 - Cat. No. 57159-U (Figure C) is reversible, holding 1 mL autosampler vials on one side and 4 mL vials on the other side. Adapters for the 1-4 mL vessel rack hold mini-centrifuge tubes.
- Vacuum Gauge/Bleed Valve Assembly (Figure D) – can be installed in place of the standard vacuum release vent to allow the vacuum in the Preppy manifold to be precisely controlled.
- Visidry™ Drying Attachment (Figure E) – dries 12 tubes at one time; can be used with any inert gas.
- SPE Vacuum Pump Trap Kit (Figure F) – collects liquids that are aspirated through the SPE tubes.
- Visiprep™ Large Volume Sampler (Figure G) – extracts multiple liquid samples directly from lab containers.

Figure A. Preppy Manifold



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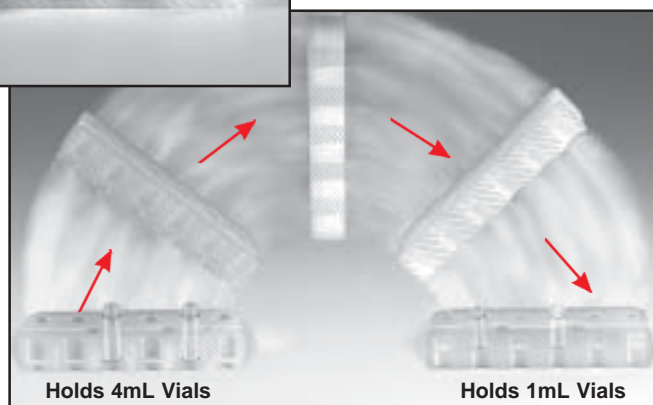
Figure B. Rack for 15 mL and 40 mL Vials



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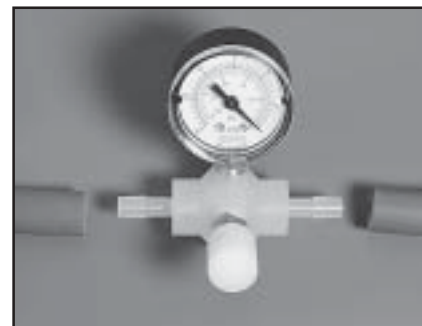
Recommended Vial Spec.:
15 mL vial = 21 mm O.D.
40 mL vial = 28 mm O.D.

Figure C. Reversible Rack for 1 mL and 4 mL Vials



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Figure D. Vacuum Gauge/Bleed Valve Assembly



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Figure E. Visidry Drying Attachment



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This drying attachment installs in minutes, dries 12 tubes at one time, and can be used with any inert gas. The drying attachment is also useful for concentrating recovered samples. Gas flow to each tube can be adjusted independently.

Figure F. SPE Vacuum Pump Trap Kit



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When installed between a Preppy vacuum manifold and the vacuum source, the trap collects all liquids that are aspirated through the SPE tubes. This prevents liquids exiting the manifold from contaminating the vacuum pump. The easily assembled kit contains a polypropylene filtering flask, a one-hole rubber stopper, 4" (10 cm) of polypropylene tubing and 5' (1.5 m) of red rubber vacuum hose.

Trademarks

Teflon – E.I. du Pont de Nemours & Co.
Preppy, Visidry, Visiprep – Sigma-Aldrich Co.

Contact our Technical Service Department (phone 800-359-3041 or 814-359-3041, FAX 800-359-3044 or 814-359-5468) for expert answers to your questions.

Figure G. Visiprep Large Volume Sampler



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Used with conventional SPE tubes and a Preppy SPE vacuum manifold, the Visiprep Large Volume Sampler extracts multiple liquid samples directly from laboratory containers. Each unit consists of tube adapters (which fit standard polypropylene tubes), replaceable screw fittings, and 1/8" Teflon tubing. A stainless steel weight at the end of each piece of tubing keeps the tubing in the sample. The screw fittings and the Teflon tubing are color-coded for easy sample identification.

For more information, request publication 495023.

Ordering Information:

| Description | Cat. No. |
|--|----------------|
| Preppy SPE Vacuum Manifold | 57160-U |
| Replacement Cover Includes 12 flow control valves and stainless steel solvent guide needles. | 57158-U |
| Replacement Glass Basin | 57166-U |
| Collection Vessel Rack For 1 mL and 4 mL vials | 57159-U |
| For 15 mL and 40 mL vials | 57162-U |
| Adapters for Mini-Centrifuge Tubes Pk. of 12 | 57163-U |
| Vacuum Gauge/Bleed Valve Assembly | 57161-U |
| SPE Vacuum Pump Trap Kit | 57120-U |
| Visidry 12-Port Drying Attachment | 57100-U |
| Visiprep Large Volume Sampler For 3 mL and 6 mL SPE tubes (transfers 4 samples) | 57275 |
| For 12 mL, 20 mL, and 60 mL SPE tubes (transfers 3 samples) | 57272 |

For more information, or current prices, contact your nearest Supelco subsidiary listed below. To obtain further contact information, visit our website (www.sigma-aldrich.com), see the Supelco catalog, or contact Supelco, Bellefonte, PA 16823-0048 USA.

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