

Visiprep Solid Phase Extraction Vacuum Manifolds

Product Specification

Visiprep SPE Vacuum Manifolds, 12-Port and 24-Port Models



995-0030



995-0133

Visiprep-DL Disposable Liner SPE Vacuum Manifolds, 12-Port and 24-Port Models



995-0132



995-0134

We manufacture Visiprep™ Solid Phase Extraction Vacuum Manifolds[■] and accessories to automate the preparation and cleanup of laboratory liquid samples using solid phase extraction tubes. Visiprep manifolds meet exacting quality specifications for materials and performance. When installed with a vacuum pump and trap kit, a Visiprep manifold can extract up to 12 or up to 24 samples simultaneously, significantly increasing sample throughput while decreasing sample preparation hands-on time, relative to liquid-liquid extraction methods.

Visiprep vacuum manifolds feature a vacuum bleed valve (Figure A) and a stand-alone cover (Figure B) to provide you with excellent control and safe, easy use.

With our patented flow control valves you can precisely manipulate flow control through each tube by rotating the individual screw-valves built into the cover. Optional disposable liner (DL) valves virtually eliminate contamination from one sample to the next in the same manifold port.

The glass basin will not dissolve, fog, or discolor when exposed to powerful solvents, and an optional polypropylene splash guard inserts into the basin to eliminate splashing. If you do not want sample-to-metal contact, simply replace the stainless steel solvent guide needles with our optional Teflon needles.

The manifold rack accommodates autosampler and small scintillation vials, 10mm and 16mm test tubes, and 1, 2, 5 and 10mL volumetric flasks. An optional plate fits up to ten 20mL scintillation vials in the 12-port model.

Unique Features:

Figure A. Vacuum Bleed Valve



995-0041

The vacuum bleed valve (x) improves control of the vacuum level and ensures more secure closure of the valve. This screw-type valve is fitted with a cone-shaped Teflon® seal. Tightening the screw ensures a complete seal with no leakage at the valve. Loosening the screw breaks the seal, allowing immediate vacuum release to stop extractions or to lift the manifold cover.

Figure B. Stand-Alone Manifold Cover



995-0211

Four 2" legs enable you to stand the cover on a work surface with the SPE tubes maintaining their upright positions. This prevents solvent guides from resting on the work surface and becoming damaged or contaminated. This stand is especially useful with Visiprep-DL Disposable Liner Manifolds.

[■]US Pat.Nos. D.289,861; 4,810,471; other patents pending.



995-0136



995-0135

Visidry™ Drying Attachment[■]

Designed exclusively to work with our Visiprep vacuum manifolds, this drying attachment installs in minutes, dries 12 or 24 tubes at one time (depending on the model), 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 independently adjusted.



913-0181

SPE Vacuum Pump Trap Kit

When installed between a Visiprep 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" (10cm) of polypropylene tubing and 5' (1.5m) of red rubber vacuum hose.

■US Pat.No. 4,810,471; other patents pending.

Trademarks

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



995-0147

Visiprep Large Volume Sampler

Used with conventional SPE tubes and a Visiprep 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.
Visiprep SPE Vacuum Manifold	
12-Port Model	57030-U
24-Port Model	57250-U
Teflon solvent guide needles, pk. of 12	57047
Visiprep DL Disposable Liner SPE Manifold	
12-Port Model	57044
24-Port Model	57265
Disposable liners, pk. of 100	57059
Visidry Drying Attachment	
12-Port Model	57100-U
24-Port Model	57124
Visiprep Large Volume Sampler	
For 3mL and 6mL SPE tubes (transfers 4 samples)	57275
For 12mL, 20mL, and 60mL SPE tubes (transfers 3 samples)	57272
SPE Vacuum Pump Trap Kit	57120-U

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.

ARGENTINA · Sigma-Aldrich de Argentina, S.A. · Buenos Aires 1119 **AUSTRALIA** · Sigma-Aldrich Pty. Ltd. · Castle Hill NSW 2154 **AUSTRIA** · Sigma-Aldrich Handels GmbH · A-1110 Wien
BELGIUM · Sigma-Aldrich N.V./S.A. · B-2880 Bornem **BRAZIL** · Sigma-Aldrich Quimica Brasil Ltda. · 01239-010 São Paulo, SP **CANADA** · Sigma-Aldrich Canada, Ltd. · 2149 Winston Park Dr., Oakville, ON L6H 6J8
CZECH REPUBLIC · Sigma-Aldrich s.r.o. · 186 00 Praha 8 **DENMARK** · Sigma-Aldrich Denmark A/S · DK-2665 Vallensbaek Strand **FINLAND** · Sigma-Aldrich Finland/YA-Kemia Oy · FIN-00700 Helsinki
FRANCE · Sigma-Aldrich Chimie · 38297 Saint-Quentin-Fallavier Cedex **GERMANY** · Sigma-Aldrich Chemie GmbH · D-82041 Deisenhofen **GREECE** · Sigma-Aldrich (o.m.) Ltd. · Ilioupoli 16346, Athens
HUNGARY · Sigma-Aldrich Kft. · H-1067 Budapest **INDIA** · Sigma-Aldrich Co. · Bangalore 560 048 **IRELAND** · Sigma-Aldrich Ireland Ltd. · Dublin 24 **ISRAEL** · Sigma Israel Chemicals Ltd. · Rehovot 76100
ITALY · Sigma-Aldrich s.r.l. · 20151 Milano **JAPAN** · Sigma-Aldrich Japan K.K. · Chuo-ku, Tokyo 103 **KOREA** · Sigma-Aldrich Korea · Seoul **MALAYSIA** · Sigma-Aldrich (M) Sdn. Bhd. · 58200 Kuala Lumpur
MEXICO · Sigma-Aldrich Química S.A. de C.V. · 50200 Toluca **NETHERLANDS** · Sigma-Aldrich Chemie BV · 3330 AA Zwijndrecht **NORWAY** · Sigma-Aldrich Norway · Torshov · N-0401 Oslo
POLAND · Sigma-Aldrich Sp. z o.o. · 61-663 Poznań **PORTUGAL** · Sigma-Aldrich Quimica, S.A. · Sintra 2710 **RUSSIA** · Sigma-Aldrich Russia · Moscow 103062 **SINGAPORE** · Sigma-Aldrich Pte. Ltd.
SOUTH AFRICA · Sigma-Aldrich (pty) Ltd. · Jet Park 1459 **SPAIN** · Sigma-Aldrich Quimica, S.A. · 28100 Alcobendas, Madrid **SWEDEN** · Sigma-Aldrich Sweden AB · 135 70 Stockholm
SWITZERLAND · Supelco · CH-9471 Buchs **UNITED KINGDOM** · Sigma-Aldrich Company Ltd. · Poole, Dorset BH12 4QH
UNITED STATES · Supelco · Supelco Park · Bellefonte, PA 16823-0048 · Phone 800-247-6628 or 814-359-3441 · Fax 800-447-3044 or 814-359-3044 · email: supelco@sial.com

Supelco is a member of the Sigma-Aldrich family. Supelco products are sold through Sigma-Aldrich, Inc. Sigma-Aldrich warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product for a particular use. Additional terms and conditions may apply. Please see the reverse side of the invoice or packing slip.