

## SPE Large Volume Sampler

### Visiprep™ Large Volume Sampler

For 3mL or 6mL SPE Tubes

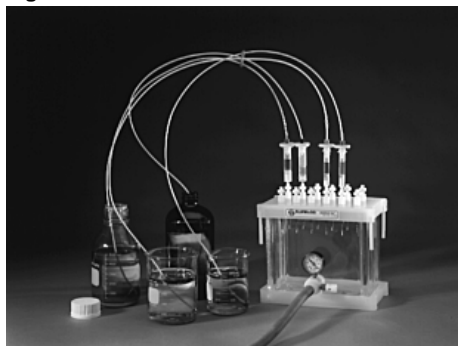
Cat. No. 57275

### Visiprep+ Large Volume Sampler\*

For 12mL, 20mL, or 60mL SPE Tubes

Cat. No. 57272

Figure A



995-0147

This system requires a standard syringe barrel design SPE tube and a vacuum source. It is intended for transfer of low viscosity analytical samples or solvents from a container to an SPE tube for the purpose of sample cleanup or analyte concentration.

To use, condition the SPE tube with an appropriate solvent. Leave a solvent volume above the top frit that fills approximately half the tube (Figure A). Turn off the vacuum source and/or close the manifold valve. Place the white tube adapter on top of the SPE tube. While rotating the adapter, apply firm pressure to insert the end into the SPE tube. If this connection is made correctly, the sample will be transferred without allowing the SPE adsorbent bed to dry out. Place the weighted end of the transfer line into the sample container, making sure it reaches the bottom of the container. Turn on the vacuum source and/or open the manifold valve to begin sampling. Adjust the flow rate. The sample should be transferred immediately through the line in a continuous stream. A delayed movement of the sample or refluxing in the transfer line indicates a poor connection at the top of the SPE or a loose connection of the nut and ferrule. If corrective actions do not improve the flow, try another conditioned SPE tube.

The transfer lines are Teflon® material with a colored Teflon imbedded stripe (Figure B). The color coding allows easy visual line traceability. Teflon provides chemical inertness, pH resistance, low background levels, and negligible carryover from one sample to the next. Lines may be replaced after each sample or whenever necessary. The weights are stainless steel, providing chemical inertness, low background, and durability.

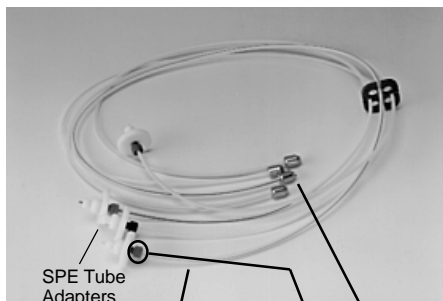
The transfer lines and weights should be rinsed with a suitable solvent and dried before first time use, after each sample use, and before long-term storage. Prolonged exposure to high acidity samples may cause discoloration or pitting of the stainless steel weights and stress fractures on the adapters. Replace the weights if such changes are noted.

#### \* Restrictions for using Cat. No. 5-7272:

- If you are using a 12-port Visiprep Vacuum Manifold (Cat. No. 57030-U), and would like to use all 12 ports, you must equip alternate manifold valves with Long Stem Flow Control Valves (Cat. No. 57048).
- If you are using a Visiprep DL Vacuum Manifold or a 24-port manifold, only alternate manifold ports can be used.

Teflon is a registered trademark of E.I. du Pont de Nemours & Co., Inc.

Figure B



994-0086

**Replacement Lines,  
pk. of 4 (Cat. No. 57276)**

**Replacement Nuts and Ferrules,  
pk. of 4 (Cat. No. 57277)**

**Stainless Steel Weights, pk. of 4  
(Cat. No. 57278)**