

# The SPE-Z Prep Manifold

The SPE-Z Prep Manifold (PN SPZ-0250) is designed for high productivity disk solid phase extraction (SPE) work. It is an excellent first step into SPE for a laboratory moving away from less efficient liquid-liquid extraction for the extraction of semi/nonvolatile analytes and Oil & Grease from a water sample. The manifold will allow you to use high-quality Pacific O&G and Atlantic solid phase extraction (SPE) disks from Horizon Technology in an easy-to-use three-position unit. The system offers the flexibility to choose optimal size disks (47 or 100 mm) and pre-filters to process a wide range of water sample including those with heavy particulate. The system also offers the possibility of connecting several units together to increase operator efficiency.

The system includes:

- Three position metal base with three extraction ports; waste tubing coming through the center port in the back
- Three (3) glass cylinder Elution Chambers for production of vacuum
- Three (3) Elution Chamber Lids with Luer connectors
- 3 Funnels for pouring larger liquid quantities
- Choice of disk holders and Erlenmeyer flask or VOA vial adapter included

Coupled with disk holders and choice of SPE disks and pre-filters, based on the application, the full system allows disk conditioning, sample loading and elution with solvents in a fast, easy, and efficient process. The system will also accommodate 40-mL VOA vials with an optional manifold adapter platform (PN 99-0250-01).

A full User's Guide comes with the system to speed the learning curve and allow a laboratory to become proficient quickly and efficiently.



*SPE-Z Prep Manifold System*