



SmartPrep® Automated Cartridge-Based Extractor

- Controlled positive pressure sample and solvent flow rates for the best recoveries and precision
- Use virtually any standard tabbed or tab-less 1, 3, or 6-mL cartridge
- Up to four fractions per sample can be collected or discarded to independent waste ports
- Small footprint provides economical use of laboratory space

ORDERING

SmartPrep Starter Extractor Base Module with:

- 1-mL Plunger Assembly - Part #SPE-2100
- 3-mL Plunger Assembly - Part #SPE-2300
- 6-mL Plunger Assembly - Part #SPE-2600

SmartPrep Starter Kit with device controller

Part #49-2807-01

SmartPrep Starter Kit without device controller

Part #49-2807-02



SPE-DEX® 4790 Automated Disk-Based Extractor

- Extract clean or dirty matrices
- Modular and scalable | 1-8 systems from one PC
- 90% less solvent use compared to LLE
- Handles sample volumes from 20 mL to 4 L
- Ideal for large volume environmental water samples
- Fast flow sediment Diskholder extends use to the most challenging samples

Envision® Controller

- Web-based platform
- Develop, save and transfer methods
- Supports 1-8 SPE-DEX 4790 Automated Extractors

Base Module: Part # 4790-CE

- 4790 Assembly Kit:
- 1-2 Place, Part #4790-12
- 3-4 Place, Part #4790-34
- 5-6 Place, Part #4790-56
- 7-8 Place, Part #4790-78

Envision Platform Controller (110 V) Part #50-2145-01

Envision Platform Controller (220v) Part #50-2145-05

EZ Flow Disk Holder - Part #50-2767

One Pass Hardware Kit - Part #49-2793



Atlantic® Solid Phase Extraction Disks

- 'Certified for Automation', Atlantic 47 mm SPE disks are the optimal SPE disk for a wide variety of aqueous matrices
- Compatible with SPE-DEX 4790 Automated Extractors

* 47 mm Atlantic pre-filters are also available

8270 One Pass - Part #47-2436-11

C18 SPE Disk - Part #47-2346-02

C18 High Capacity SPE Disk - Part #47-2346-13

DVB SPE Disk - Part #47-2346-06

HLB L - Part #47-2346-08

HLB M - Part #47-2346-09

HLB H - Part #47-2346-10

Pre-Filter - Part #FFAP-47-HT

1 um Pre-Filter - Part #FFAP-100-HS1

5 um Pre-Filter - Part #FFAP-100-HS5



SPE-DEX® 3100 Oil & Grease Extractor

- Fully compliant with regulatory methods such as US EPA 1664B, ISO-11349 and Standard Methods 5520B
- Uses the original sample bottle of your choice and rinses it too!
- Never lose a sample with the overflow sensor to detect and stop the run
- Offers better matrix handling for complex samples so flow through disk is not compromised

* Also available, the one-place SPE-DEX 1000XL

SPE-DEX 3100 (Pictured)

Part #SPE-DEX 3100

SPE-DEX 1000XL

Part #SPE-DEX1000XL



Speed-Vap® IV

Safe and fast evaporation of n-hexane solvent for oil and grease extraction



SolventTrap^{OG}

Captures up to 70% of n-hexane solvent vapor from EPA Method 1664A/B oil and grease extractions. Connects directly to the Speed-Vap IV

Speed-Vap IV

Part #200-1000-04 (120V)

Part #200-1000-05 (220V)

SolventTrap^{OG}

Part #200-2000-01 (110V only)



Pacific™ & Pacific Premium Oil & Grease SPE Disks

- Pacific Premium disks offer first-class performance & low water retention
- Pacific disks are the economical choice for quality results at the lowest cost
- Both disks are available in 47 mm and 90 mm

Pacific 47 mm - Part #1664-47-HT

Pacific 90 mm - Part #1664-90-HT

Pac. Premium 47 mm - Part #1664-47-PHT

Pac. Premium 100 mm - Part #1664-100-PHT

47 mm Pre-Filter - Part #FFP-47-HT

90 mm Pre-Filter - Part #FFP-90-HT



**CHROMATOGRAPHIC
SPECIALTIES INC.**

www.chromspec.com

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XcelVap® Automated Evaporation/Concentration System

Water-bath, nitrogen blow-down evaporation of up to 54 sample extracts, ranging in size from less than 1 mL up to 200 mL

- Up to 54 sample extracts can be processed simultaneously
- Programmable nitrogen pressure profile
- Interchangeable sample tube racks for popular sample tubes
- Ideal for Liquid/Liquid, Continuous, Micro or Solid Phase Extractions
- For Chromatographic Analysis (GC/MS, LC/MS, GC, LC)

ORDERING

**XcelVap® Automated Evaporation/
Concentration System**
Part #XCV-5400



DryVap® Concentrator System

Individual closed evaporation system using heat, vacuum, and nitrogen sparge gas

- Automates the drying, evaporation and concentration of organic extracts prior to chromatographic analysis
- The only evaporator that features in-line sample drying
- Up to (6) samples can be processed simultaneously
- Automatic end-point shut off
- Ideal for larger volume samples up to 200 mL

DryVap Concentrator
Part #50-0916-01 (110V)
Part #50-0916-03 (220-240V)



SolventTrap_{SVOC} Solvent Recovery System

- Prevent harmful solvent vapors from being released to the atmosphere
- Allows the collection of solvents for proper disposal or potential reuse/recycling
- Protects workers from exposure to harmful solvent vapors
- Works with the DryVap® to collect more than 95% of dichloromethane

SolventTrap_{SVOC}
Part #VNT0540 (110V)
Part #VNT0541 (220V)



Manual Solvent Drying System

- Simplify and speed up the solvent drying step in the sample Preparation process. This system utilizes the DryDisk separation Membrane
- Works with Horizon's DryDisk 65 mm membranes
- Eliminates the need for sodium sulfate drying

Manual Solvent Drying System
Part #SDS-101-19/22
Part #SDS-101-24/40



DryDisk® and DryDisk-R Separation Membrane

- DryDisk® and DryDisk-R Separation Membrane
- More efficient than sodium sulfate with the same cost
- Infinite capacity for residual water and no adsorption of analytes
- No contamination or sodium sulfate fines
- Compatible for use with DryVap and the manual Solvent Drying System

DryDisk Membrane
Part #40-705-HT

DryDisk-R Membrane
Part #40-1000-HT



DryDisk® Separation Membrane 50-mL Disposable Barrel

- These barrels have infinite capacity for residual water
- Compatible for use with Horizon's DryVap and vacuum manifolds
- Ideal volume = 10 mL to 50 mL

DryDisk Barrel
Part #49-2486-01

