



Advion Interchim Scientific SPE LV6

Compact solid phase extraction system

Make your analytical process more reliable and secure

The SPE LV6 is a fully automated positive pressure workstation for sample preparation by SPE solid phase extraction. Specially developed for all analytical chemists looking for performance and alternatives to manual use, the SPE LV6 ensures method development and routine applications are executed with ease. Equipped with an innovative and robust technology, the SPE LV6 saves time and increases productivity thanks to the full automated process. The SPE LV6 uses calibrated tubings to grant high reproducibility and efficiency.

Applications: environmental analysis of contaminants in water, toxicology, biopharma, agri-food...

Specifications

- Positive pressure, guarantees optimal reproducibility & precision
- Compatible SPE Polypropylene column sizes: 1.3 & 6 mL
- Software integrated in a 9" touch screen (2 GB memory) + offline version
Method creation & loading in a few minutes
End of method report for easy sample traceability
- Sample
Up to 6 samples in series
Automated sample injection (RSD = 0.15 %)
Sample loading via the syringe pump (volume between 10 mL and 5 L)
or by the autosampler in a calibrated loop (volume between 100 µL and 25 mL)
(Advion Interchim Scientific zero cross contamination technology)
Sample volume: 100 µL to 5 liters
- 10 solvent channels + 3 waste collection channels at the outlet of the column
(organic, aqueous, chlorinated)
- Gas supply (nitrogen or compressed air): 1-2 bar
(very low consumption: 0.12 L/min)
- Integrated retention tank
Automatic calculation of collection capacities according to the method programmed
- Robustness & quality of integrated technologies
10 mL syringe pump and 20 position valve
Wide range of plunger sizes for SPE columns 1,3 & 6 mL
Inert materials to avoid contaminations
Reduced costs & maintenance downtimes
- Accuracy & Reproducibility
Flow rate range: from 50 µl to 15 L/min
Calibrated fluidic paths for accurate dead volume control
- Reduced column drying time (up to 30 seconds for up to 99% drying efficiency)
Up to 5 collection tubes per column (for easy fraction control during method development)
Fully automated system for total autonomy (up to 95% time savings)
- Accessories
Sample rack: 13 x 100 mm (closed vials can be used) & 18 x 150 mm
Collection rack: 12 x 32, 12 x 75, 13 x 100, 16 x 100, 18 x 150 mm
Ability to collect directly in a 2 mL, 4 mL or 2 mL eppendorf vial
- CE & UL certified

