



Auto Extra D10 Automated Solid Phase Extraction

Product Overview

Auto Extra D10 is an automatic solid phase extraction instrument for sample pre-treatment specially designed for the detection and analysis of organic pollutants in water. The entire process is fully automated, especially suitable for various trace organic pollution in large-volume water samples. Use disk for extraction combined with negative pressure sample loading mode significantly improves the efficiency of solid phase extraction and saves the operation time of pretreatment in the water quality analysis. And the additional automatic cleaning function effectively reduces the residue of the target compound on the bottle ensuring the accuracy and repeatability of the analysis.



Product Features

- Suitable for 47mm, 50mm, 90mm Disks or 6mL cartridge.
- Maximum control 10 units with one software, independent methods for each unit.
- Sample volume range from 20mL~4L, direct sample loading, online filtering .
- Using negative pressure extraction technology, the standard flow rate is 100mL/min, flow rate can be adjusted by the vacuum valve.
- Special design for sample loading control to avoid overflow.
- 8 kinds of solvents can be used as conditioning, loading, rising and eluent, each solvent uses a separate pipeline.
- Automatic cleaning function, effectively reduces the residue of the target compound on the sample bottle.
- Online anhydrous sodium sulfate dewatering function.
- The instrument working process is closed from outside to avoid damage to operators caused by volatile solvents.

Product Applications

Mainly used to extract the target toxic substances of pesticides, antibiotics, PAHs, PCBs, SVOCs, algal toxins in water samples,

Typical applications: pesticide residues, animal residues, PAHs, semi-volatile organic compounds, PCBs, Herbicides, dioxins, explosives, flame retardants, etc.

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