

Fotector 02P

Portable Solid Phase Extraction

Compact design with High Integration



RayKol Fotector 02P Portable Solid Phase Extraction System, is the first compact automated equipment with the integration of SPE and evaporation, capable of SPE column conditioning, sample loading, rinsing and elution, also combined with the built-in gas source for evaporation. With its compact and portable features, Fotector 02P is specialized in the rapid sample preparation for large-volume water samples on the site, to handle the enrichment and purification of organic pollutants for large-volume water sample, as well as blowing evaporation.

Portable & compact design

- Dimension: 360(L) x 250(W) x 520(H)mm
- Able to easily fit in the mobile monitoring vehicle or place on the site
- Light weight, about 15kg without air pump module

Compatible with complex sample matrices

- Designed for complex sample matrices, such as surface water, waterwaste
- With wider tubing and large valve rotor, targeted to handle the trace particles in the samples, avoid blockage





Flexible to various size of cartridges

- SPE plungers insert into cartridges via vertical sliding
- Compatible with 1 mL, 3 mL, 6 mL, 12 mL, 12 mL and 20 mL standard SPE cartridges



SPE & evaporation

- Able to connect to external gas source or use built-in air source for blowing evaporation
- Water bath heating with collection tube, high efficiency for on-site samples

Quick start

- WIFI connection to PC software, for method setting and import
- Method can be recalled via the equipment panel
- Able to run the whole method, or just step of blowing evaporation

Application examples

On-site monitoring of semi-volatile organic compounds for water quality

Determination of organochlorine pesticides and chlorobenzene compounds in water by GC-MS

Determination of nitrobenzene compounds in water by LE/SPE-GC

Determination of polycyclic aromatic hydrocarbons in water by LE/SPE-HPLC

Determination of water quality for drinking water for the purposes of hygiene

Determination of toxic substances in domestic sewage and industrial waterwaste

Dedicated to be a leading supplier in smart laboratory



RayKol Group

Add: 5-6F, No.176 Xinfeng Road, HuizhiZone, Torch High-tech Zone, Xiamen, China

Tel:+86-0592-5800190

Mail: info@raykolgroup.com

www.raykolgroup.com