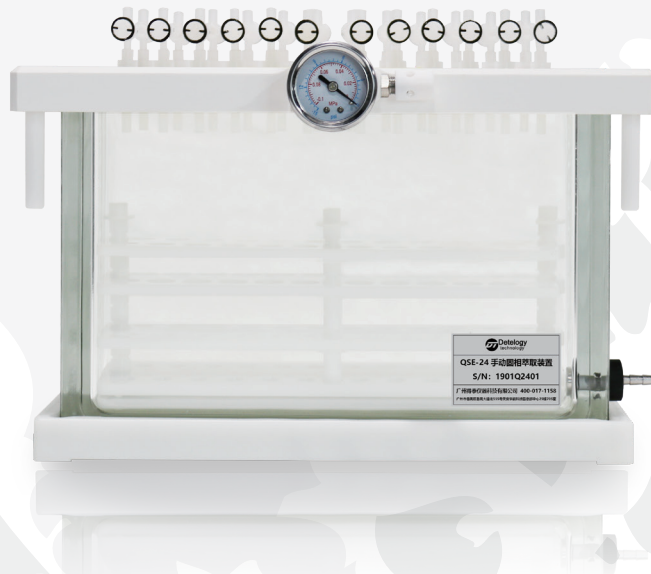


QSE-12/24

Solid Phase Extraction Device



*More Intelligent,
More Efficient*

QSE-12/24 Solid Phase Extraction Device



Food
safety



Agriculture
product testing



Drug
analysis



Cosmetic
products testing



Environmental
monitoring

Solid Phase Extraction

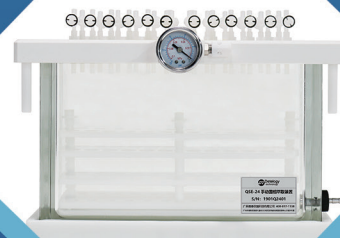
Abbreviation: SPE, which is a widely used and popular sample pretreatment technology.

It can selectively adsorb the target compound in the liquid sample by using a solid adsorbent and separate it from the sample matrix and interfering compounds, and then eluted with the eluent. Therefore users can achieve the purpose of separation and enrichment of target compounds.

SPE is different from traditional liquid-liquid extraction, adopts similar solubility principle and develops via combining the basic knowledge of Liquid Chromatography (HPLC) and Gas Chromatography (GC) currently.

SPE solid-phase extraction is mainly used to process liquid samples to extract, concentrate and purify volatile and semi-volatile compounds in the samples; When it needs to be used for solid samples, it is necessary to convert the solid sample into a liquid state.

Detelogy QSE 12/24 solid-phase extraction device are based on this principle, premise the recovery rate of the target compound. It is convenient for users to operate and improve the efficiency of sample pretreatment.



QSE Solid Phase Extraction Device

Advantages:

- ★ All are controlled by high-quality independent valves, which can be operated durably and easily.
- ★ 12-positions, 24-positions, and the positions can be customized arbitrarily.
- ★ Each channel is equipped with an independent liquid circuit switch and an integrated guide tube to prevent cross-contamination.
- ★ Anti-fogging glass vacuum tank design, users can operate this instrument simply and quickly.
- ★ Flexible use, can process single samples or many samples.
- ★ The vacuum chamber is made of special thickened glass, and the pressure resistance is better than 80Kpa.
- ★ The vacuum chamber cover made of new materials, more stable and corrosion resistant, and equipped with a pressure gauge and regulating valve.
- ★ The test tube rack is made of high corrosion-resistant material and is suitable for various test tubes.

Basic Parameters:

	QSE - 12	QSE - 24
Overall size(mm)	280W×122L×186H	338W×145L×208H
Glass vacuum weight size(mm)	240W×82L×140H	268W×100L×150H
Pressure capacity	better than 80KPa	
Test tube rack size	Ø11,13,15mm and the length could be 105mm and shorter the length could be customized	
Weight	≈2Kg	

Standard Accessories:

- Extraction column tray assembly 1 set
- Glass cylinder assembly 1 set
- Ø11,13,15mm test tube rack plate 1 set
- Universal test tube tray
- Test tube rack assembly, Q-type card, glass cylinder tray.
- Silicone hose (60cm.05mm) 2 pieces
- Ø11,13,15mm 12 test tubes per set(QSE-12)
- Ø11,13,15mm 24 test tubes per set(QSE-24)

★ Optional accessories:

- QP-30 Vacuum pump
- Power: 150W
 - Relative vacuum: -800mbar
 - Pumping rate: 30L/min
 - Weight: 5Kg
 - Export: Ø8mm
 - Size(L×W×H): 260×190×215mm



With Nitrogen Concentrator form a complete set



FV64 Automatic Nitrogen Concentrator



MFV-12/24/36 Smart Nitrogen Concentrator



CONTACT US

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MAIN PRODUCTS

- Smart Nitrogen Concentrator
- Automatic Nitrogen Concentrator
- Automatic Dual-Mode Nitrogen Concentrator
- Automatic Intelligent Parallel Concentrator
- Multi - Sample Homogenization System
- MultiVortex Shakers & Mixers
- Quick Solvent Extraction System
- Intelligent Solid Phase Extraction Device
- iGBlock-36 Graphite Digester
- iGHP Intelligent Graphite Heating Plate