BioLAB

PRODUCT CATALOG

MANUAL SOLID PHASE EXTRACTION SYSTEM

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MANUAL SOLID PHASE EXTRACTION SYSTEM BFA1DE1

SOLID PHASE EXTRACTION INSTRUMENT

Solid phase extraction instrument Solid phase extraction (SPE) is a widely used and popular sample pretreatment instrument. The instrument used solid adsorbent to adsorb the target compounds in the liquid sample and separate them from the matrix and interfering compounds of the sample. Then it is eluted with eluent or desorbed by heating to achieve the purpose of separating and enriching the target compounds. Solid phase extraction instruments are widely used in environmental water quality analysis, food safety analysis, pharmaceutical analysis, bioengineering and other fields.

Good sealing, high consistency, anti-cross pollution and anti-atomization vacuum tank design.
Simple and rapid operation; no phase separation; easy to collect analysis components and process small sample.
Can be equipped with large-capacity collection containers, can process samples in batches or can process samples individually.
The vacuum tank is made of extra hard thick PC material, and its wall thickness is uniform,which can withstand high negative pressure above -0.08Mpa.
The internal test tube racks are made of high polymer materials, which are beautiful and corrosion resistant and will not be deformed under high pressure for long-term use.
The liquid circuit switch adopts high-quality valves, each valve independent con

SPECIFICATIONS

Model	BFA1DE1
Old Model	BSPE-104
Handling sample type and quantity	10mm tube X1212mm tube X1215mm tube X12
Vacuum degree	≤ -0.08Mpa
Vacuum tank internal dimensions	215x57x140mm
Dimension	W.280xD.150xH.214mm
Net Weight	2.8kgs
Alt Name	Solid Phase Extraction Instrument

FEATURES

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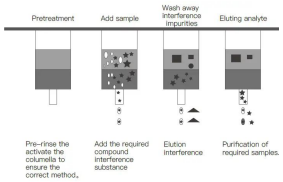
The liquid circuit switch adopts high-quality valves, each valve independent control, durable and easy to operate.



MANUAL SOLID PHASE EXTRACTION SYSTEM BEM2BW1 BEM2BW2 BEM2BW3

SOLID PHASE EXTRACTION SYSTEM

The solid phase extraction system is a negative pressure solid phase extraction device. It uses a solid adsorbent to adsorb the target compound in a liquid sample, separates it from the sample matrix and interfering compounds, and then eluates it with an eluent or heats to desorb it to achieve separation and Purpose of enrichment of target compounds (I.e. the separation, purification and enrichment of the sample), the solid phase extraction instrument aims to reduce the interference of the sample matrix and improve the detection sensitivity.

1. The whole machine of 12, 24, and 36-well square solid phase extraction instrument is made of transparent organic glass, which has strong corrosion resistance;
2. The wall thickness of the vacuum tank is uniform, so it can withstand high negative pressure above -0.096Mpa, and it will not deform after long-term high-pressure use;
3. The pressure is uniform everywhere, the air tightness is good, and the stability is strong;
4. The extraction speed is consistent, and the control and adjustment are convenient;
5. Multi-channel can be controlled independently, and the joint is corrosion-resistant;

SPECIFICATIONS

Model	BEM2BW1	BEM2BW2	BEM2BW3
Old Model	BSPE-101	BSPE-102	BSPE-103
Capacity	12	24	36
Gas control mode	Independent control		
Working zone size (mm)	210*100*138	210*120*138	210*140*138
Pressure display	Pressure gauge		
Vacuum value	0.098Mpa		
Flow control valve	12	24	36
Package size(mm)	460*200*290mm		
Gross weight(kg)	3.6	3.8	4
Alt Name	Solid Phase Extraction System		

FEATURES

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3. The pressure is uniform everywhere, the air tightness is good, and the stability is strong;
4. The extraction speed is consistent, and the control and adjustment are convenient;
5. Multi-channel can be controlled independently, and the joint is corrosion-resistant;
6. The internal test tube rack of the solid phase extraction instrument is made of polytetrafluoroethylene, so it has high corrosion resistance.

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