BioLAB

PRODUCT CATALOG

# MANUAL SOLID PHASE EXTRACTION SYSTEM

CE ISO9001 CERTIFIED

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# MANUAL SOLID PHASE EXTRACTION SYSTEM

The Manual 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.
Used in Analytical laboratories, Research, HPLC, GCMS, HPLC-MS.
Also known as Liquid-solid extraction.

## 100 MANNUAL SOLID PHASE EXTRACTION SYSTEM

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;

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;

The pressure is uniform everywhere, the air tightness is good, and the stability is strong;

The extraction speed is consistent, and the control and adjustment are convenient;

Multi-channel can be controlled independently, and the joint is corrosion-resistant;

The internal test tube rack of the solid phase extraction instrument is made of polytetrafluoroethylene, so it has high corrosion resistance.

## SPECIFICATIONS

| Model | BSPE-101 | BSPE-102 | BSPE-103 |
|---|---|---|---|
| Capacity | 12 | 24 | 36 |
| Gas control mode | Independent control | | |
| Pressure display | Pressure gauge | | |
| Vacuum value | 0. 098 Mpa | | |
| Flow control valve | 12 | 24 | 36 |
| Working zone size (mm) | 210x100x138 | 210x120x138 | 210x140x138 |
| Package size(mm) | 460x200x290mm | | |
| Gross weight(kg) | 3.6 | 3.8 | 4 |

BSPE-101

BSPE-102

BSPE-103

# BSPE-104 SOLID PHASE EXTRACTION

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 control, durable and easy to operate.

## SPECIFICATIONS

| Model | BSPE-104 |
|---|---|
| Sample tube volume | 10 mm tube x12, 12 mm tube x12, 15 mm tube x12 |
| Vacuum value | ≤-0.08 Mpa |
| Vacuum tank internal dimensions | 215x57x140 mm |
| Dimension (WxDxH) | 280x150x214 mm |
| Gross weight(kg) | 2.8 |

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