BÖYN

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ISO 9001 : 2015

BÖYN

Your reliable Laboratory &
Medical instruments specialist

LABORATORY EQUIPMENT CATALOG

HANGZHOU BOYN INSTRUMENT CO.,LTD



Company profile

HANGZHOU BOYN INSTRUMENT CO.,LTD is one of the leading companies for providing you the widest range of laboratory equipment and educational apparatus and medical instruments from china.

BOYN's products are widely applicable for university and college, hospital, pharmaceutical industry, ministry of environmental protection and scientific research institute etc. We assure the quality and durability of all our products, as each product is individually tested and inspected by our proficient technicians before dispatching the consignment.

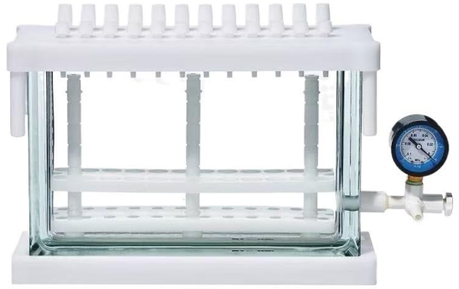
We are ISO 9001:2015 Certified company and All our products are designed and manufactured in accordance with ISO9001 / ISO13485 by dedicated and experienced R&D engineering team.

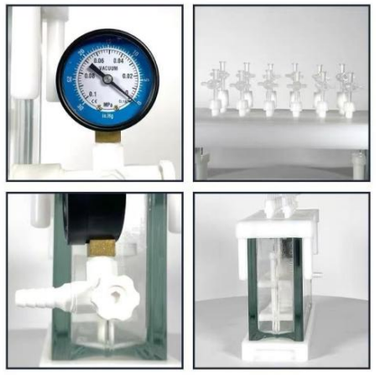
With excellent service and superior quality and affordable budget, BOYN products have gain very good reputation from global market.

Sincerely look forward to working with you .

24-POSITION SPE VACUUM MANIFOLD

BÖYN







SPE-24

24 independent sample positions

PRODUCT OVERVIEW

The SPE-24 vacuum manifold is designed for simultaneous solid-phase extraction of up to 24 samples. A standard laboratory vacuum source draws samples through the SPE cartridges, while individual flow-control stopcocks regulate extraction speed at each position. Eluates are collected directly in tubes, centrifuge tubes or sample vials positioned in the adjustable internal rack.

SPE WORKFLOW

1 Condition — 2 Load — 3 Wash — 4 Elute

Vacuum source required (not included).

TECHNICAL PARAMETERS

Model	SPE-24
Positions	24
Vacuum chamber	Transparent quartz glass
Top cover material	POM (polyoxymethylene)
Vacuum performance	Pressure resistance up to -80 kPa
Flow control	24 independently controlled ports
Stopcocks	24 individual flow-control stopcocks
Guide needles	24 guide needles
Collection rack	Adjustable rack with 4 tube-support plates
Compatible vessels	Test tubes, centrifuge tubes and sample vials
Tube diameter	Less than 16 mm; typical 10, 12, 14 and 15 mm
Cartridge capacity	1, 3, 6, 15 or 25 mL SPE cartridges
Overall dimensions	400 x 150 x 275 mm (15.748 x 5.906 x 10.827 in)
Approx. weight	7.5 kg (16.5 lb)
Color	Transparent / white

STANDARD CONFIGURATION

- Glass chamber
- Vacuum gauge and valve assembly
- 24 guide needles
- 24-position cover and gasket
- 24 stopcocks and Luer connections
- Adjustable 4-plate collection rack

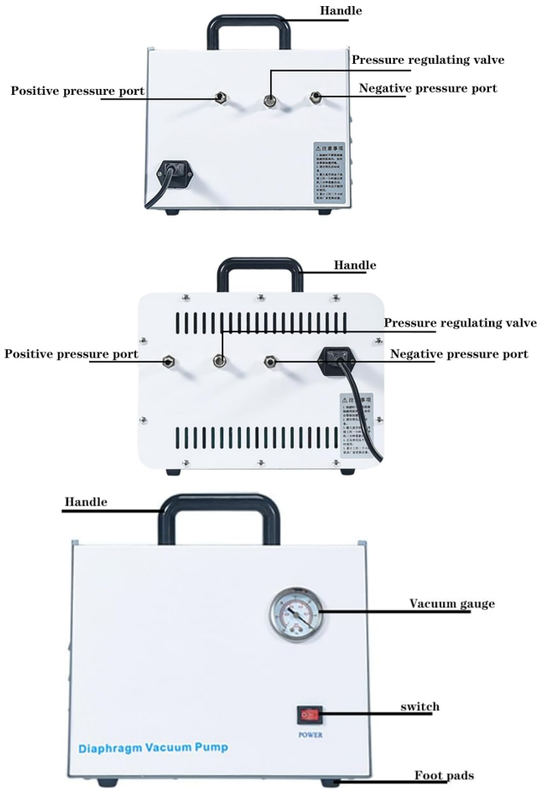
OIL-FREE DIAPHRAGM VACUUM PUMP

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40 L/min - Configuration A

Positive and negative pressure operation



PRODUCT OVERVIEW

Compact oil-free diaphragm pump for clean laboratory vacuum and pressure applications. The unit combines an adjustable 0-40 L/min free-air flow, integrated vacuum gauge, positive and negative pressure ports, and a pressure-regulating valve in a portable benchtop housing.

CLEAN Oil-free operation

QUIET Approx. 50 dB

DUAL Vacuum and pressure

TYPICAL APPLICATIONS

Vacuum filtration | SPE manifolds | Vacuum desiccators | Small distillation systems

Air transfer and laboratory pressure/vacuum support

TECHNICAL PARAMETERS

Model	AP-04P - 40 L/min
Pump type	Oil-free diaphragm pump
Operating modes	Positive and negative pressure
Free-air flow	Adjustable, 0-40 L/min
Maximum vacuum	0.085 MPa (85 kPa)
Positive pressure	Up to 300 kPa
Motor power	140 W
Noise level	Approx. 50 dB
Control	Pressure-regulating valve
Indicator	Integrated analog vacuum gauge
Ports	Separate positive and negative pressure ports
Duty	Designed for continuous operation
Dimensions (W x D x H)	280 x 208 x 180 mm
Gross weight	Approx. 8.8 kg

DESIGN FEATURES

- Low-noise, contamination-free operation
- Electrostatic coated enclosure
- Portable handle and benchtop footprint
- Ventilated housing for efficient heat dissipation
- Rubber anti-vibration foot pads
- Suitable for filtration and small-scale distillation