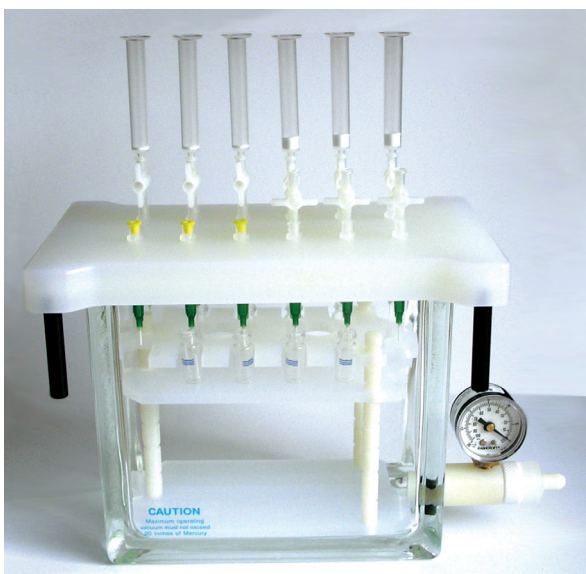


TK Vacuum Manifolds for SPE

Vacuum Manifold



Teknokroma vacuum manifolds simplify SPE sample processing. These manifolds permit consistent extraction and filtration results. Analyst can save time, since these manifolds allow simultaneous multiple sample processing.

The manifolds yield consistent extraction, elution and filtration results for up to 24 columns, cartridges or 25 mm syringe filters. Filters should not be attached to the vacuum manifold port prior to elution. Filters will air-lock and prevent fluid passage if used during column conditioning, sample application, or column wash. Using filters during the final elution step will ensure a clean sample for injection. Parallel processing of this kind greatly reduces the time required to prep multiple samples.

The manifolds consist of a clear glass chamber to which vacuum is applied to draw a sample through on SPE column, cartridge, or disk.

Adjustable racks placed in the glass vacuum chamber will accommodate a variety of sample collection vessels, including test tubes, autosamplers, vials, volumetric flasks, and Erlenmeyer flasks.

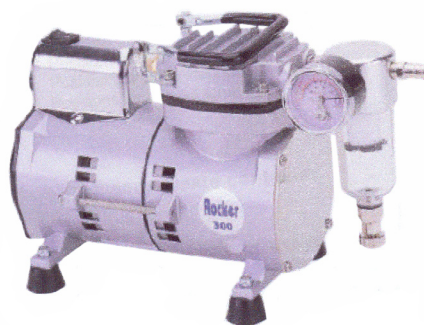
Eluants are deposited directly into the collection vessel of choice via polypropylene, optional stainless steel, or Teflon needles.

Vacuum manifolds for SPE sample preparation, filtration, and elution are available in 12, 16, and 24 port configurations.

Port Vacuum Manifold complete set include: Glass chamber, cover gasket & 12 stopcocks, vacuum valve and gauge, collections racks plates (13 mm, 16 mm tubes, volumetric flask, plate base, plate dimple, lid legs, propylene needles, retaining clips for collections racks.

Cat.No	Description
TR-004012	12 Port Vacuum Manifold, Complete Set
TR-004416	16 Port Vacuum Manifold, Complete Set
TR-004824	24 Port Vacuum Manifold, Complete Set

Vacuum Pump R-300



Vacuum Pump impulsed by serving dish, without oil, declaring the innovative silent technology and mechanics.

The R-300 is adaptable to many requirements of laboratory:

- **Slow vibration and silent**
Motor directly conducted without the mechanism of transmission and rubber feet of quality that maintain the noise level only upon approximately 50 dB.
- **Weigh compact and light**
The aluminum mold and its precise construction make the R-300 so little and compact, with a weight of only 4,1 kg.
- **Cleanliness and maintenance**
The design without oil makes the R-300 clean and free of maintenance, we guarantee the free supply of spare parts during two years of 3000 working hours (except humidity filter).

Cat.No	Description
BOVT 0300	Vacuum Pump R-300

Specifications	
Maximum vacuum	650 mm. Hg
Vacuum Velocity (2.5 L tank):	
0 mmHg:	17/min = 9.6 CFM
100 mmHg:	14 l/min = 0.49 CFM
200 mmHg:	12 l/min = 0.42 CFM
300 mmHg:	9.5 l/min = 0.34 CFM
400 mmHg:	7 l/min = 0.25 CFM
500 mmHg:	4.5 l/min = 0.16 CFM
600 mmHg:	1.5 l/min = 0.05 CFM
Maximum flow:	13 l/min
Motive rotation:	1450 rpm
Potency:	1/8 CV/HP
Poles Nbr.:	4 P
Gross weight:	5.1 kg
Net weight:	4.1 kg
Entrance screw:	1/8 PS
Noise level:	50 dB