

Mobile Phase Filtration Apparatus

Vacuum filtration is a common laboratory equipment, in the chromatographic analysis, for the removal of the column life and the accuracy of the system detection of impurities, has an important role. In the filtration process it is the liquid degassing effect is also obvious. The equipment with different purposes of the filter membrane has been applied in the weight analysis, chromatography, colloid separation and other tests.



General description

Vacuum filtration apparatus for HPLC solvent purification, particulate analysis, bacteriological studies, radiochemical determinations, quantitative gravimetric analysis, and similar applications. Clamp seals filter membrane between flanges on funnel top and funnel stem.

GLASS FILTRATION SETS

47mm / 50mm

Feature

- Adopt high quality borosilicate glass with good pressure resistance , acid and alkali resistance, can be autoclavable at 121°C.
- Ideal for purificating and degassing of mobile phase organic and corrosive solvents in HPLC analysis to prolong the service life of instrument and column.
- Fritted glass funnel support with PTFE gasket designed.
- Port thread is made of PBT material, acid and alkali

Assembly includes: 300 mL funnel top, fritted glass funnel support, 1 L filtration flask, aluminum clamp, and 8mm silicone tubing

Specifications

Funnel capacity	300 ml
Flask capacity	1000 ml
Filter diameter	47 mm – 50 mm
Effective filtration area	9.6 cm ²
I.D.tube	8mm

Note:

This product does not include the filter membrane, if you need please order separately. Diameter of 50 mm is common use in 1000ml suction filter device.