

FMFV -series Manifolds Vacuum Filtration System



Manifolds Vacuum Holder is particular design and produce for several samples filtrate at the same time. At present domestic laboratory filtrate liquor usually adopt the glass nature core, while this method only filtrate one sample once, and it has low speed, low efficiency, and much labor exertion. It is more convenience for the operator who needs to filtrate several samples at the same time. Because each filter holder have individual control valve, only one set vacuum pump can sustain the single or Manifolds Vacuum Holder operate together. While stainless steel nature of the Manifolds Vacuum Holder can filtrate at 180°C temperature; and the high-quality extra hard glass is elegant in workmanship, and be able to bear up 200°C range of temperature. The clamp of aluminum alloy designed rational and closed, it can make the filter bowl together with the middle filter head become an organic, and assure them airproof not to leak. Simultaneity, type 316L stainless steel resistant to acids alkalis, and be able to bear corrosion, easy to high-temperature sterilization. Therefore, it makes the analyze result much more stabilization and trustiness.

Applications:

- Microbiological quality control
- Residue analyses
- Serial filtration carried out rapidly and easily with a common drainage outlet

Widely used for chemistry analyse, biochemical, pharmaceutical, sanitation test, environmental test, water quality analyse, beverage and science research and so on.

Components:

- All glass funnel (300ml)
- PTFE support screen (Pore Size: 20 μm)
- Stainless steel holder (SS 316L)
- PTFE valve
- Clamp of aluminum alloy

Available in tow versions

- a) Three-branch Vacuum Filter
- b) Six-branch Vacuum Filter

Features:

Each holder have individual control valve, agility for use, convenience in antiseptis high efficiency.
Test three or six samples at the same time,
high sensitivity, low false positive, and easy to operation.

Suitable Membrane Filters:

The choosing of the membrane filter is the key to the best filtration. The nature of membrane filter must suit for different chemical performance of the filter medium. At present mostly are PVDF (organic), synthetic fabric colophony membrane(aqueous), and Nylon membrane(both aqueous and organic).

Our company also provide various kinds of imported membrane filter, the aperture is usually 0.22, 0.45, 0.8 μm , and the suitable diameter is $\varnothing 47$ or $\varnothing 50$ mm.

Specification:

Model	FMFV-s	FMFV-3s	FMFV-6s	FMF-g	FMFV-3g	FMFV-6g
Description	SS Manifolds Vacuum Filtration	SS Manifolds Vacuum Filtration	SS Manifolds Vacuum Filtration	Manifolds Vacuum Filtration	Manifolds Vacuum Filtration	Manifolds Vacuum Filtration
Branch	1-branch	3-branch	6-branch	1-branch	3-branch	6-branch
Funnel	300 ml / SS 316L	300 ml / SS 316L	300 ml / SS 316L	300 ml / Glass	300 ml / Glass	300 ml / Glass
Valve	PTFE	PTFE	PTFE	PTFE	PTFE	PTFE
Support Screen	SS 316L	SS 316L	SS 316L	PTFE	PTFE	PTFE
Pore Size	100 μm	100 μm	100 μm	20 μm	20 μm	20 μm
Conection	Silicon Stopper	Silicon Stopper	Silicon Stopper	Ground Joint	Ground Joint	Ground Joint
Holder	SS 316L	SS 316L	SS 316L	SS 316L	SS 316L	SS 316L
Order No.	0.496.030	0.496.031	0.496.032	0.496.033	0.496.034	0.496.035

