

Filtration Apparatus

Manifolds Vacuum Filtration



Optional Accessories:

MVF-1G & MVF-1S:

GM-0.2/0.33l/0.5/0.5l/1.0 Vacuum pump;

Liquid collecting bottle

MVF-3G & MVF-3S:

GM-0.5/0.5l/1.0 Vacuum pump;

Liquid collecting bottle

MVF-6G & MVF-6S:

GM-1.0 Vacuum pump; Liquid collecting bottle

Product Introduction:

- * It is convenient to filtrate several samples at the same time.
- * 316L stainless steel holder, corrosion resistance, acid and alkali resistance.
- * Each holder has individual control valve, so one vacuum pump can support operations of single and multi-branch manifold filter.
- * Each individual manifold component (filter heads, valves and hose connections) is removable for easy cleaning and autoclaving at 121°C.
- * Valves for vacuum control and air release.
- * Built-in check valve to prevent backflow from the vacuum system.
- * It can be widely used in chemistry analysis, pharmaceutical, sanitation test, water quality analysis, science research fields and so on.

Standard Accessory:

- * Lid
- * Stainless steel valve
- * Clamp of aluminum alloy
- * 316L stainless steel holder
- * Glass funnel (300ml) / 316L stainless steel funnel (300ml)
- * Borosilicate glass filter head / 316L stainless steel filter head

Technical Parameters:

Model	Type	Funnel	Support Screen&Pore Size	Connection	Holder	Package Size(W*D*H)	G.W.
MVF-1G	1-branch	Glass	PTFE, 20µm	Ground Joint	SS316	270*230*130mm	3kg
MVF-1S		SS316	SS316, 100µm	Integral, SS316	SS316	270*230*130mm	2.9kg
MVF-3G	3-branch	Glass	PTFE, 20µm	Ground Joint	SS316	535*360*380mm	9kg
MVF-3S		SS316	SS316, 100µm	Integral, SS316	SS316	480*260*130mm	5.7kg
MVF-6G	6-branch	Glass	PTFE, 20µm	Ground Joint	SS316	965*365*390mm	17kg
MVF-6S		SS316	SS316, 100µm	Integral, SS316	SS316	900*260*130mm	10.3kg

Note: The vacuum pump and liquid collecting bottle are essential optional accessories. Otherwise, it cannot be used.

Solvent Filtration Apparatus



Applications:

Solvent filter is a regular device of chemistry lab, it is indispensable equipment for HPLC analysis. This device can also be used in instrumental analysis, sanitary inspection, pharmaceutical industry, pesticide liquid filtration, petroleum, environmental monitoring fields. It can monitor and remove the particles and bacteria in the liquid.

Features:

- * It is made of high quality toughened glass.
- * With good press-resistance and leakproofness, it could be used for sterilizing at high temperature of 121°C.
- * The PTFE type is acid and alkali resistant, corrosion resistant, can filter all kinds of aqueous solution, organic solution and corrosive liquid.

Standard Accessory:

Solvent Filter system consists of solvent filter

Filter Include:

- * Triangle fluid bottle
- * Clamp
- * Core filter head
- * Dust cover
- * Filter bowl
- * Rubber hose
- * Hose linker

Technical Parameters:

Model	Funnel	Pore Size of Filter	Support Screen	Receiving Bottle	Membrane	Packing Size	Gross Weight
SFA-50.1L	300ml	10µm	Pyrex glass	1000ml	Φ47 or Φ50mm	310*310*190mm	2kg
SFA-50.2L	500ml	10µm	Pyrex glass	2000ml	Φ60mm	370*345*255mm	3.1kg
SFA-50.PT	300ml	20µm	PTFE	1000ml	Φ47 or Φ50mm	310*310*190mm	2kg