

MS® Serials Vacuum Filtration System



MS® Serials Vacuum Manifolds



MS® Vacuum Pump

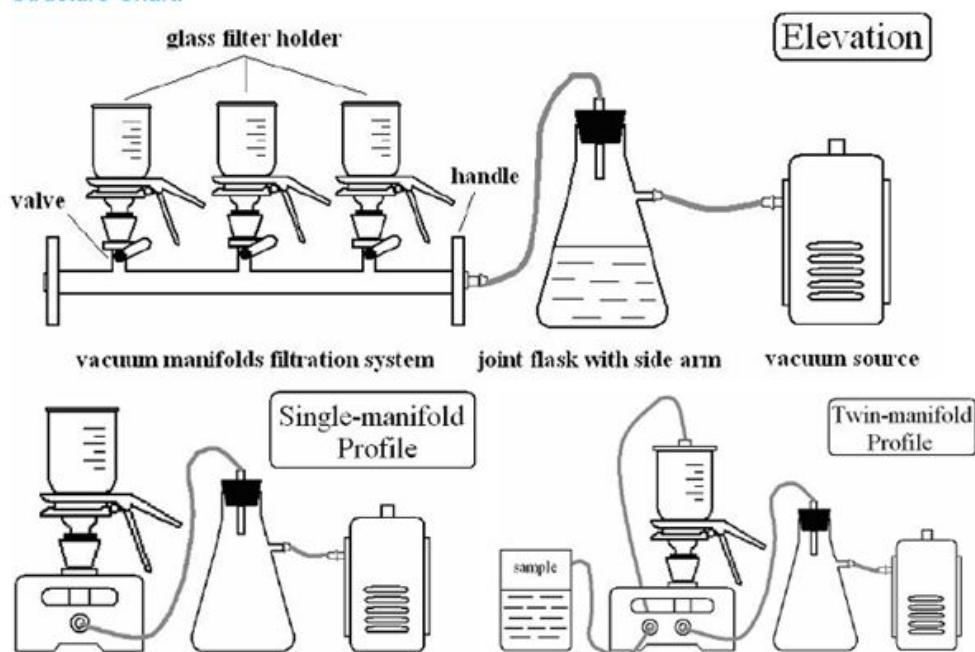
Brief Introduction:

MS® Manifolds provide vacuum support for filtration of single, three or six test samples simultaneous. Only single vacuum source can help manifolds to finish the whole operation. They filter quickly and simply-more faster than normal vacuum filtration. The manifolds with polished Type 316L stainless steel accommodate glass or stainless steel filter holders, resistant to most aggressive liquids.

Features:

- Each station use separate control valve for independent operation.
- Sturdy units have low center of gravity so they won't tip when full loaded.
- Anodized aluminium handles on both ends for positioning on benchtop.

Structure Chart:



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Specifications:

Product NO	Specification	Overall (L×W×H)	Connection
SVF0101S	1. Stainless Steel Manifold 2. One Stainless Steel Filtration Units 3. One Glass Collect Bottle	170×120×150mm	
SVF0101G	1. Stainless Steel Manifold 2. One Glass Filtration Units 3. One Glass Collect Bottle	170×120×150mm	
SVF0103S	1. Stainless Steel Manifold 2. Three Stainless Steel Filtration Units 3. One Glass Collect Bottle	520×120×150mm	Glass or stainless steel filter holders
SVF0103G	1. Stainless Steel Manifold 2. Three Glass Filtration Units 3. One Glass Collect Bottle	520×120×150mm	with 9# stopper.
SVF0106S	1. Stainless Steel Manifold 2. Six Stainless Steel Filtration Units 3. One Glass Collect Bottle	890×120×150mm	
SVF0106G	1. Stainless Steel Manifold 2. Six Glass Filtration Units 3. One Glass Collect Bottle	890×120×150mm	

Suggestion:

- The whole MS® Vacuum Manifolds Filtration System includes: stainless steel manifolds, three or six filter holders, a joint flask and a vacuum source.
- Regarding the filter holders, you can reference type VG-50 or VS-50 filter holders.
- Regarding the vacuum source, you can reference type PD-25 (for three stations) or type PD-50 (for six stations) vacuum pump.

Operation Method:

- Link every component according to the structure chart and confirm that the whole system is placed in closeness appearance.
- Put on the membrane and fix with the clamp.
- Start the vacuum pump, open the valve door soon afterward.
- The sample will be taken out into the collection bottle.

Caution:

- Don't take out filtrate into the pump.
- Insure the whole closeness of system while filtering. Prevent it from leaking liquid or air.
- Notice the glass part while cleaning or disinfecting. (Glass part can endure an extreme difference in temp over 270?)

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