

PVC Vacuum Manifolds

Standard Cup

The PVC manifold provides a stable, convenient, and lightweight means of performing vacuum filtration. Standard cups on each branch support a variety of filter holders with filter sizes up to 90 mm.

Model	KMP3	KMP6
Number of Stations	3	6
Product Number	313400	313600

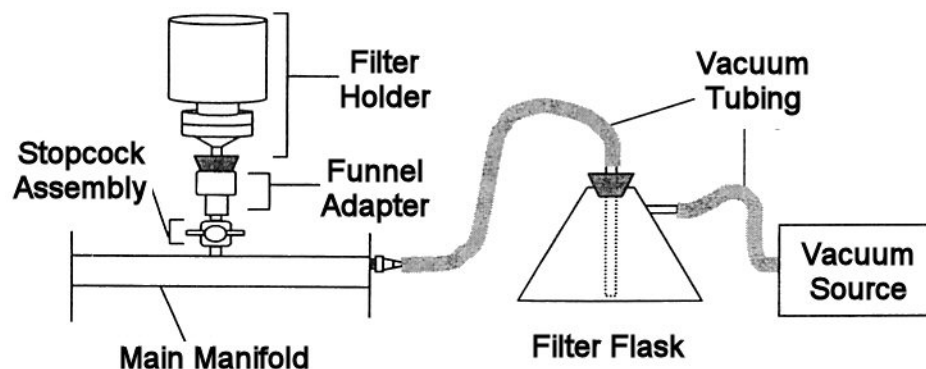


SPECIFICATIONS

Materials	Polyvinylchloride (PVC) body and branches		
Connections	Manifolds connects to 3/8" i.d. outlet tubing with supplied 1/4" male NPT to hose barb fitting Standard cup accepts #8 stopper		
Max. Operating Temp.	60°C (140°F) maximum, not autoclavable		
Valve	2-way, PVC body with PTFE (Teflon) stopcock		
Dimensions	L X W X H (cm)	Distance between stations (cm)	Shipping Weight
KMP3	45.1 x 12 x 17.8	14	2.5 Kg (5.5 lbs)
KMP6	87.6 x 12 x 17.8	12	3.1 Kg (6.9 lbs)

CLEANING AND MAINTENANCE

- Clean with standard laboratory detergents and bottle brushes. Flush manifolds with distilled or deionized water after each use. Unit can be disassembled completely for thorough cleaning.
- Keep PVC out of direct sunlight and away from halogenated and aromatic hydrocarbons, ketones, organic acids and strong mineral acids.
- NEVER autoclave the PVC manifolds. Units may be sanitized using ethanol or formaldehyde.



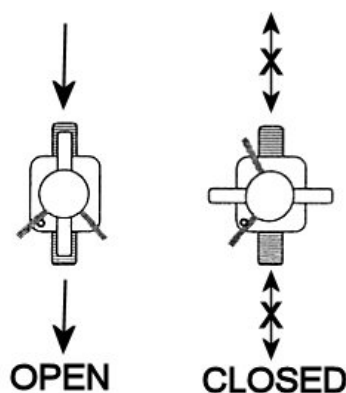
ASSEMBLY AND OPERATION

1. Check to be sure each stopcock assembly is screwed securely into the main manifold and that each funnel adapter is screwed securely into the stopcock assembly. Hand tighten ONLY: over tightening may shear PVC material
2. Attach vacuum tubing to the outlet connector at the base of the manifold.
3. Connect the free end of the vacuum tubing to a vacuum trap, and connect trap to vacuum pump with tubing.
4. Make sure all valves are closed. The stopcocks should be in a horizontal position.
5. Test the vacuum pump and manifold system for leaks.
6. Mount appropriate filter holders and filters into funnel adapters.
7. Add sample filter holders.
8. Apply vacuum by opening the valves at each branch (vertical stopcock position).
9. When filtration is complete, the valves may be closed prior to removing the filter holder.

Note: Filters, filter holders, trap, tubing, and vacuum source not supplied with apparatus.

ORDERING GUIDE

Part	Number
Handle	313401
Handle set screw	313400
Pipe Plug	313412
Hose Barb	313411
Funnel Adapter	313410
Main Manifold	
3 Station	313403
6 Station	313603
Silicone Stopper	
#8 (15 mm bore)	311404
#8b (10 mm bore)	311008
Filtering Glask	
1000 ml	311430



2-way Valve	Number
Whole Assembly	313430
PTFE stopcock	313431
PVC Body	313432
O-ring	313008