

**LMVF-A10**



**LMVF-A11**



**LMVF-A12**



**MANIFOLD VACUUM FILTRATION UNIT**

**LMVF-A1 SERIES**

**(GLASS TYPE)**

# Manifold Vacuum Filtration Unit LMVF-A1 Series (Glass Type)

## Manifold Vacuum Filtration Unit LMVF-A10

Manifold Vacuum Filtration Unit LMVF-A10 is designed with borosilicate glass filter head and 1 branch type glass funnel of 300 ml capacity. Equipped with 316 L stainless steel holder which is alkali resistance, acid and corrosion resistance. Offers vacuum-resistant flask with non-ground glass to prevent contamination while pouring. Operation of single or multi-branch unit filtration unit is supported by vacuum pump. It is used in microbiological, Sterility and analytical procedures that involve collecting a particulate (bacteria, precipitate, etc.) from a liquid suspension.

### FEATURES

- 1 branch type filtration with glass funnel
- Funnel is made up of high quality toughened glass
- One-way valve feature PTFE stopcocks for smooth control
- Provide high quality leakage-proof and press-resistance
- Built-in ground joint connection
- Holder feature control valve

## Manifold Vacuum Filtration Unit LMVF-A11

Manifold Vacuum Filtration Unit LMVF-A11 is designed with borosilicate glass filter head and 3 branch type glass funnel of 300 ml capacity. Equipped with 316 L stainless steel holder which is alkali resistance, acid and corrosion resistance. Offers vacuum-resistant flask with non-ground glass to prevent contamination while pouring. Operation of single or multi-branch unit filtration unit is supported by vacuum pump. It is used in microbiological, Sterility and analytical procedures that involve collecting a particulate (bacteria, precipitate, etc.) from a liquid suspension. Allows filtration of multiple samples either at once or independently by controlling the separate branch valves. Each filter holder has individual control valve, only one set vacuum pump can sustain the single or Multi-branch manifold.

### FEATURES

- 3 branch type filtration with glass funnel
- At the same time, it is convenient to filter several samples
- Funnels are made up of high quality toughened glass
- Provide high quality leakage-proof and press-resistance
- Built-in ground joint connection
- Each holder has individual control valve
- Valves provide independent control at each branch for vacuum and venting
- Connect three filter holders to one Vacuum source
- Stainless steel tap for use with multi-branch filtration system
- Provides independent vacuum control for each funnel
- Three-way valves feature PTFE stopcocks for smooth control

## Manifold Vacuum Filtration Unit LMVF-A12

Manifold Vacuum Filtration Unit LMVF-A12 is designed with borosilicate glass filter head and 6 branch type glass funnel of 300 ml capacity. Equipped with 316 L stainless steel holder which is alkali resistance, acid and corrosion resistance. Offers vacuum-resistant flask with non-ground glass to prevent contamination while pouring. Operation of single or multi-branch unit filtration unit is supported by vacuum pump. It is used in microbiological, Sterility and analytical procedures that involve collecting a particulate (bacteria, precipitate, etc.) from a liquid suspension. Allows filtration of multiple samples either at once or independently by controlling the separate branch valves. Each filter holder has individual control valve, only one set vacuum pump can sustain the single or Multi-branch manifold.

### FEATURES

- ▶ 6 branch type filtration with glass funnel
- ▶ At the same time, it is convenient to filter several samples
- ▶ Funnels are made up of high quality toughened glass
- ▶ Provide high quality leakage-proof and press-resistance
- ▶ Built-in ground joint connection
- ▶ Each holder has individual control valve
- ▶ Valves provide independent control at each branch for vacuum and venting
- ▶ Connect six filter holders to one Vacuum source
- ▶ Stainless steel tap for use with multi-branch filtration system
- ▶ Provides independent vacuum control for each funnel
- ▶ Six-way valves feature PTFE stopcocks for smooth control

### APPLICATION

It can be widely used in environmental monitoring fields, pharmaceutical industry, instrumental analysis, pesticide liquid filtration, petroleum and sanitary inspection.

### SPECIFICATION

Model No	LMVF-A10	LMVF-A11	LMVF-A12
Type	1 Branch	3 Branch	6 Branch
Funnel	Glass	Glass	Glass
Support Screen	PTEE	PTEE	PTEE
Pore Size	20 $\mu$ m	20 $\mu$ m	20 $\mu$ m
Connection	Ground joint	Ground joint	Ground joint
Holder	SS316	SS316	SS316
Package Size (W×D×H)	270×230×130 mm	480×260×130 mm	900×260×130 mm
Gross weight	3 kg	6 kg	11 kg

## STANDARD ACCESSORIES

### For Model A-10

Sr. NO.	Name of Accessories	Quantity
1	Lid	1
2	Clamp of aluminium alloy	1
3	Stainless steel valve	1
4	316 L stainless steel holder	1
5	Glass funnel (300 ml)	1
6	Borosilicate glass filter head	1

### For Model A-11

Sr. NO.	Name of Accessories	Quantity
1	Lid	3
2	Clamp of aluminium alloy	3
3	Stainless steel valve	3
4	316 L stainless steel holder	3
5	Glass funnel (300 ml)	3
6	Borosilicate glass filter head	3

### For Model A-12

Sr. NO.	Name of Accessories	Quantity
1	Lid	6
2	Clamp of aluminium alloy	6
3	Stainless steel valve	6
4	316 L stainless steel holder	6
5	Glass funnel (300 ml)	6
6	Borosilicate glass filter head	6