

# Vacuum Filtration System

## Features

► **For microbiological filtration**

MultiVac 301 / 601 - MB - A, include Alligator 200 diaphragm liquid pump, manifold, burner, stainless steel funnels and MCE membrane, are designed for a large number of samples in microbiological test. All wetted parts of manifold are made of SS316 stainless steel, which can be fast sterilized by flame.

► **Time-saving and space-saving**

The vacuum source has built in a liquid pump which can be connected directly to manifold without waste bottle. Save 40% bench space and simplify filtration process.

► **Quick-assembly and disassembly**

Each component of manifold can be easily removed for cleaning and autoclaving.

► **Innovative vent valve design**

An adjustable vent valve integrated with the pipe can eliminate water hammer phenomenon and help drain out residual waste water.

► **International certification**

CE certification  
IP 64 protection (Alligator 200)  
RoHS certification (Alligator 200)

► **One-Year Warranty (Alligator 200)**

## Applications

- Suspended solid test
- Microbiological test
- Vacuum filtration

## Ordering Information

**180301-01(02)-A**  
**180601-01(02)-A**

MultiVac 301 / 601 - MB - A, Vacuum Filtration System, complete set includes:  
\*Alligator 200, Diaphragm Liquid Pump  
\*MultiVac 300 / 600 - MB, 3/6 Places  
Stainless Steel Manifold  
\*SF, 100 ml Stainless Steel Funnel (3/6 pcs)  
\*Dragon 100, Torch Burner  
\*MCE Membrane, 47 mm, 0.45 µm, 200/PK  
\*Silicone Tube (2 pcs)



## Specification

Model	MultiVac 301 - MB - A	MultiVac 601 - MB - A
Power	DC24V, 1.8A	
Max. vacuum	313 mbar	
Max. liquid flow rate	4.5 L/min	
Motor	60W Brushless DC Motor	
Noise level	60 dB	
Hose barb	ID8	
Material contact with filtrate	SS316, FKM, Silicone, PP, PPS	
Model	MultiVac 301 - MB	MultiVac 601 - MB
Number of branch	3	6
Funnel	SF stainless steel funnel, 100 ml x 3	SF stainless steel funnel, 100 ml x 6
Filter diameter	47 mm	47 mm
Material contact with filtrate	SS316	SS316