



Vacuum Filtration System Traditional To Modern



MicroVacc-3 Microbiology Pump

Features :

- **Compact design** – Small footprint frees valuable benchtop space and provides flexibility in arranging workspace for optimal efficiency and workflow.
- **Minimal height** – Allows convenient use in a hood fitted with a sash that can limit upward range of motion during routine analysis.
- **Disposable fluid path** – Simple to load and completely disposable to eliminate potential biofilm build-up.
- There is no need to clean, wrap, and autoclave a bulky Sigle place filtration system ,
- **No Need External Pumps**
- The potential for sporadic and unnecessary contamination is removed.
- **Diaphragm Based design** – Pulls sample through the filter and fluid path eliminating the need for a vacuum source. Also ensures the fluid flows in one direction without the potential for back-up and contamination of analysis.
- **Compliance with ISO 8199**
Microvacc Pump complies with ISO 8199 regulation and ideal for microbiological sample filtration. (*ISO8199: Water quality – General guidance for microbiological examinations by culture)



Safety compliance:

- CE certification
- ISO 9000 & ISO 8199

Application :

- Waste water Filtration
- Media Filtration
- General Filtration
- MF Technique for analyzing aqueous-based fluids
- for microbial contamination. (Works with M- Funnel filter funnels.)

Specification :

- MicroVacc Filtration system is ideal for sample preparation in microbiological analysis achieving a trans membrane pressure of 300 mbar and a flow rate of 100 ml @ 10 Second (Water Sample)
- Constant flow rates and a defined maximum vacuum smooth and reliable filtration .
- Inbuilt Non Return Valve for individual Valve

Advantages :

- Benefits Direct transfer ensures no handling of liquid waste & no Require Glass or Plastic Trap
- Complies with ISO Standard for microbiological analysis
- High-performance flow rate
- Noise reduction design 35db
- Compact Battery Operated (Save Bench Space)
- Oil Free Diaphragm based pump
- Maintenance-free technology