vM-Funnel

Single Device for Sampling, Filtration and Incubation

mdi vM-Funnel is a pre-sterilized disposable filter unit designed to improve the efficiency of microbial monitoring of raw materials, in process drug solutions, final products and critical utilities such as purified water and water for injection.

These help achieve significant reductions in energy and manpower costs, and faster batch-turn around.

Applications

- Raw material bioburden testing
- Critical in process bioburden testing
- Water microbiology

Unique Performance Advantages

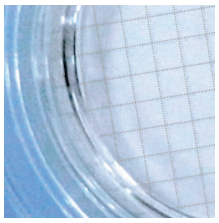
Ease of Sampling: No Sampling Bottles

- **Air tight lid for ease of sampling and transportation to the laboratory without spillage**
- Engraved volume markings for accurate measurement of sample volumes

Prevent Extraneous Contamination
Inbuilt Vent

- 0.2µm hydrophobic PTFE vent on the lid to prevent ingress of extraneous contaminants during filtration

- **Easy to Incubate Design: Converts the Funnel into a Petri Plate**
- Squeeze remove funnel cup
- Separate individually packed pre-sterilized transparent lid for ease of colony counting



Validated ink Grids

Types Available

- 100ml
- 250ml

Validated for

- Microbial Recovery : ISO 7704
  - Water quality - Evaluation of membrane filters used for micro biological analyses
- ASTM 4200-82
  - Evaluating inhibitory effects of ink grids on membrane filters
- Microbial Retention
- Sterility

*(A low nutrient media, beneficial for isolating slow-growing oligotrophic bacteria and bacteria that require lower levels of nutrients to grow optimally)

Specifications

Pore Size
0.45µm

Sterilization
EO

Diameter
47mm

Water Flow Rates
≥ 200ml/min at 250mm Hg Vacuum

Retention Efficiency
LRV> 7 for *S. marcescens* (ATCC 14756) per cm^2

Ordering Information:

Type		Size		Pore Size		XX	Capacity		Sterilization		Pack Size	
Type	Code	Size	Code	Pore Size	Code			Code		Code	Pack Size	Code
vM-Funnel with CN* Membrane	FVCN	47mm	09	0.45µm	02		100 mL	XX	EO Sterile	2	24 (100 mL)	12
vM-Funnel with PVDF Membrane	FVVF						250 mL	01			12 (250 mL)	08

*Cellulose Nitrate

Example:

FVCN	09	02	XX	XX	2	12

DataSheet

Advanced Microdevices Pvt. Ltd., 20-21, Industrial Area, Ambala Cantt – 133006, INDIA
Tel: +91-171-2699 290 Email: info@mdimembrane.com Website: www.mdimembrane.com