

**mdi** M-Funnel is an easy to use, pre-sterilized, individually packed disposable filtration device, specially designed to help facilitate and speed up microbial analysis of water as well as product in pharmaceutical, beverages and food processing industries.

M-Funnel has a convenient design with a detachable funnel and pluggable bottom for ease of sample collection and transfer to laboratory. It houses a 0.45 µm Cellulose Nitrate/PVDF membrane, grid marked for ease of colony counting.

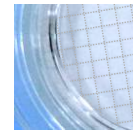
After filtration, its cap and base can be used as a petri dish by directly adding culture media, and thus eliminating the chances of contamination during transfer of membrane and reducing costs.

### Applications

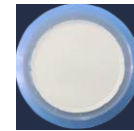
- Water and product microbiology in pharmaceutical, beverages and processed food industry
- Water microbiology for municipal water supply

### Key Features

- Engraved volume markings for accurate measurement of sample volumes
- Validated ink grids for no inhibitory effect on microbial recovery and no inference with colony counting
- Universally adaptable design fits directly on most filter manifolds
- Validated "Media Reservoir" Pad for use with 2ml liquid media
- Easy to incubate design converts into a petri plate with an easy to "Squeeze Remove" cup and transparent lid



Validated ink Grids



Validated "Media Reservoir" Pad



Easy to Incubate

### Types Available

- 100ml
- 250ml

### Validated for

- Microbial Recovery
  - With Liquid Media
  - With Semi-solid Agar Media
- ASTM 4200-82
  - Evaluating inhibitory effects of ink grids on membrane filters
- Microbial Retention
- Sterility

### 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<sup>2</sup>

### Ordering Information:

Type		Size		Pore Size		X	P	Capacity		Sterilization		Pack Size	
Type	Code	Size	Code	Pore Size	Code				Code		Code	Pack Size	Code
M-Funnel with CN Membrane	FMCN	47mm	09	0.45µm	02			100ml	XX	EO Sterile	2	24(100ml)	12
M-Funnel with PVDF Membrane	FMVF							250ml	01			12(250ml)	08

CN: Cellulose Nitrate Membrane

### Example:

FMCN	09	02	X	P	XX	2	12
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