

**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.

### 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

### 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

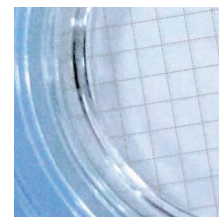
### Ordering Information:

Type		Size		Pore Size		XX	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	XX	XX	2	12
------	----	----	----	----	---	----



Validated ink Grids

### 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>