

MicroFunnel™ Filter Funnels With Polycarbonate Membrane



Ideal for concentrating organisms in fluid samples



- ▶ Flat, smooth surface allows for easy elution of organisms or particulate.
- ▶ Collection of organisms or particulate on one planar surface is ideal prior to electron microscopy (SEM) or light microscope (LM) techniques.
- ▶ Ready-to-use, disposable design eliminates sample cross contamination.

Applications

- ▶ Concentrate organisms in aqueous samples for further examination by PCR or eppifluorescence.
- ▶ Cell biology.
- ▶ Bioassays.
- ▶ Parasitology.
- ▶ Water microbiology.

Specifications

Filter Media

Filter Media: Polycarbonate with PVP (polyvinylpyrrolidone) wetting agent
Support Pad: Cellulose
Funnel and Base: Polypropylene
Funnel Cover: Polystyrene
Funnel Adapter: Polyethylene

Membrane Diameter

47 mm

Pore Size

0.4 μm

Effective Filtration Area

13.46 cm^2

Maximum Vacuum

635 mm Hg (25 in. Hg)
(vacuum use only)

Gamma-Irradiated

Validated Dose: 15 - 30 kGY
(1.5 - 3.0 MRad)

Dimensions

100 mL Capacity

Height: 7.6 cm (3.0 in.) with cover
7.3 cm (2.9 in.) without cover
Diameter: 6.1 cm (2.4 in.) with cover
5.7 cm (2.3 in.) without cover

300 mL Capacity

Height: 9.1 cm (3.6 in.) with cover
8.9 cm (3.5 in.) without cover
Diameter: 8.8 cm (3.5 in.) with cover
8.5 cm (3.4 in.) without cover

Ordering Information

MicroFunnel Filter Funnels With Polycarbonate Membrane

Part Number	Description	Pkg
FMFNL1050	Polycarbonate membrane, 0.4 μm , 100 mL capacity, individually bagged, gamma-irradiated	50/pkg
FMFNL3020	Polycarbonate membrane, 0.4 μm , 300 mL capacity, individually bagged, gamma-irradiated	20/pkg

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