

Sentino™ Magnetic Filter Funnels

Designed for use with the Sentino Microbiology Pump



- ▶ Available in three sizes – 150, 300, and 500 mL. Convenient 150 mL size easily fits into small autoclaves; 500 mL size is ideal for large sample filtration.
- ▶ No-leak magnetic seal allows one-handed operation.
- ▶ Sturdy, safe polyphenylsulfone plastic construction is shatterproof and offers broad range of chemical compatibility.
- ▶ Membrane guides to help center filter on platform.
- ▶ Forceps access point allows easy filter retrieval.
- ▶ Graduated at 50 mL increments for accurate sample measurement.

Applications

Use for the Membrane Filter (MF) Technique in:

- ▶ Drinking and waste water analysis
- ▶ Environmental and recreational water monitoring
- ▶ Pharmaceutical and industrial water system monitoring
- ▶ Beverage monitoring
- ▶ Pharmaceutical raw materials, intermediates, and final product.

Specifications

Materials of Construction

Funnel Body, Stem, Lid, and Support

Screen: Polyphenylsulfone

Vent Plugs: Polypropylene

Effective Filtration Area

150 and 300 mL: 9.6 cm², 35 mm effective diameter

500 mL: 13.1 cm², 41 mm effective diameter

Dimensions

Overall Height:

150 mL: 11.8 cm (4.6 in.)

300 mL: 16.8 cm (6.6 in.)

500 mL: 16.6 cm (6.5 in.)

Maximum Diameter:

150 and 300 mL: 7.6 cm (3 in.)

500 mL: 8.9 cm (3.5 in.)

Filter Size

Accepts 47 mm filter

Funnel Capacity

150, 300, or 500 mL

Outlet Connection

Stem fits into adapter (PN 4283) for use on Sentino Microbiology Pump.

Sterilization

Provided non-sterile. Withstands multiple autoclavings* at 121 - 123 °C (250 -253 °F) at 1.0 bar (100 kPa, 15 psi) for 15 - 20 min; UV sterilizable.

*Repeated use of detergents containing polyoxyethylated alkyl phenols and alcohols, and/or anti-corrosion, anti-scaling boiler additives that may carry over in steam, may cause polyphenylsulfone to crack, thereby reducing the life of the product. Do not autoclave rubber stoppers. Do not autoclave with aluminum foil; use autoclave paper. Consult Pall Technical Service if using with thin membranes, such as track-etched material.

Ordering Information

Sentino Magnetic Filter Funnels, 47 mm

Part Number	Description	Pkg
4271	150 mL capacity	1/pkg
4273	300 mL capacity	1/pkg
4277	500 mL capacity	1/pkg

Accessories and Replacement Parts

Part Number	Description	Pkg
4279	Base with support screen for use with Sentino Pump	1/pkg
4283	Adapter for use with Sentino Pump	1/pkg
4285	Tubing, drive for Sentino Pump, 2 ft. length	10/pkg
4235	Stainless steel support screen	1/pkg
87264	Support screen, polyphenylsulfone	1/pkg
4246	Lid kit (for 300 mL funnel only)	1/pkg
4248	150 mL funnel housing	1/pkg
4243	300 mL funnel housing	1/pkg
4254	500 mL funnel housing	1/pkg

Related Products

Ampoule Media for Microbiological Analysis	217
Petri Dishes	230, 280
Sentino Microbiology Pump	224
Stainless Steel Forceps	230, 280