



Life Sciences

Sentino™ Magnetic Filter Funnels



Designed for Use with the New Sentino Microbiology Pump

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

Applications

- ▶ 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

Filtration. Separation. Solution.SM

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

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 autoclave cycles* 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.

Related Products

- ▶ Sentino Microbiology Pump
- ▶ Standard 47 mm magnetic filter funnels
- ▶ Ampoule Media for Microbiological Analysis
- ▶ Stainless Steel Forceps
- ▶ Sterile Petri Dishes

Ordering Information

Sentino Magnetic Filter Funnels

Part Number	Description	Pkg
4271	47 mm, 150 mL capacity	1/pkg
4273	47 mm, 300 mL capacity	1/pkg
4277	47 mm, 500 mL capacity	1/pkg

Accessories and Replacements 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



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Pall Life Sciences

600 South Wagner Road
Ann Arbor, MI 48103-9019 USA

1.800.521.1520 USA and Canada
(+800.PALL.LIFE Outside USA and Canada
1.734.665.0651 phone
1.734.913.6114 fax


Visit us on the Web at www.pall.com/lab

E-mail us at LabSupport@pall.com

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