



Sentino® Filter Funnels

Description

Easy to use, disposable funnels for microbiological monitoring of aqueous solutions

- **Easy Placement** - The Sentino Filter Funnel and Adapter are designed with a press-fit seal, membrane guides and forceps access point allowing for simple set up and membrane removal. This will speed up the process time in the laboratory.
- **Risk Reduction** - The Sentino Filter Funnel and Pall Membranes reduce the risk of a contamination event as compared to reusable funnels. The filter funnels are gamma irradiated eliminating the need for autoclaving or any other cleaning/sanitizing techniques. This will save time and money by eliminating the need to investigate contamination events resulting from the reusable devices.
- **Regulatory Compliance** - Membrane filtration is the method of choice for microbial monitoring of aqueous solutions as specified in "Standard Methods for the Examination of Water and Wastewater" and Pharmacopoeias worldwide.



- Easy and accurate sample measurement:
 - 100 mL funnels are marked in three increments (20 mL, 50 mL and 100 mL). The 50 mL and 100 mL increments are marked completely around the funnel for higher visibility.
 - 250 mL funnel is marked in four increments (50 mL, 100 mL, 200 mL and 250 mL). The 100 mL, 200 mL and 250 mL increments are marked completely around the funnel for higher visibility.

Applications

- Drinking and Waste Water Analysis
- Environmental and Recreational Water Monitoring
- Industrial Water System Monitoring
- Beverage Monitoring

Specifications

Sentino Filter Funnels

Materials of Construction

Funnel: polypropylene

Dimensions

100 mL

Diameter: 8.1 cm (3.2 in.)

Height: 5.3 cm (2.1 in.)

250 mL

Diameter: 8.1 cm (3.2 in.)

Height: 9.6 cm (3.8 in.)

Gamma-irradiated

Validated dose 15-30 kGy

Sentino Filter Funnel Adapters

Materials of Construction

Body and support screen: 316 stainless steel

Dimensions

Sentino Adapter

Diameter: 6.1 cm (2.4 in.)

Height: 2.5 cm (1.0 in.)

Standard Adapter

Diameter: 6.1 cm (2.4 in.)

Height: 2.3 cm (0.9 in.)

Connections

Filter Support Platform: Accepts 47 mm disc filter

Sentino Adapter Outlet: Hose barb outlet accepts 4.8 mm (3/16 in.) ID tubing and is designed to slide into the stage of the Sentino Microbiology Pump

Standard Adapter Outlet: 1/4 in. FNPT threaded connection

Sterilization: Provided non-sterile. Autoclavable if desired at 121-123 °C (250-253 °F) at approximately 1.0 bar (100 kPa, 15 psi) for 15-20 minutes

Specifications (continued)

Sentino Filter Funnel Manifolds

Materials of Construction

Body and End Stands: Anodized aluminum
Platform and support screen: 316 stainless steel;
¼ in FNPT
Drain Plug: Stainless steel; ¼ in. MNPT
Valves: Chrome plated brass
Valve O-rings: Viton
Hose Barb Adapter: Nylon; 6.4 mm (1/4 in.); ¼ in. MNPT

Dimensions

3-place

Height: 13.5 cm (5.3 in.)
Width: 40.6 cm (16.0 in.)
Depth: 15.2 cm (6.0 in.)

6-place

Height: 13.5 cm (5.3 in.)
Width: 82.6 cm (32.50 in.)
Depth: 15.2 cm (6.0 in.)

Sterilization

Provided non-sterile. Autoclavable if desired at 121-123 °C (250-253 °F) at approximately 1.0 bar (100 kPa, 15 psi) for 15-20 minutes

Related Products

- Sentino Filter Dispenser
- Sentino Microbiology Pump
- Standard S-Packs
- Ampoule Media for Microbiological Analysis
- Stainless Steel Forceps
- Sterile Petri Dishes

Ordering Information

| Part Number | Description | Pkg |
|-------------|---|---------|
| 4870 | 100 mL Sentino filter funnel, 25/sleeve | 100/pkg |
| 4871 | 250 mL Sentino filter funnel, 20/sleeve | 80/pkg |
| 4872 | Adapter for Sentino Microbiology Pump | 1/pkg |
| 4873 | Adapter for standard manifold | 3/pkg |

| Part Number | Description | Pkg |
|-------------|---|--------|
| 4874 | Aluminum manifold, 3-place for use with Sentino filter funnel | 1/pkg |
| 4875 | Aluminum manifold, 6-place for use with Sentino filter funnel | 1/pkg |
| 4285 | Tubing for Sentino Microbiology Pump, 61 cm (24 in.) length | 10/pkg |



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