Open-face Filter Holders

Description

Lightweight, Corrosion-Resistant Filter Holders for Routine Air Sampling

- 25 mm holder is autoclavable. Can be used for bacterial monitoring and particulate analysis.
- 37 and 47 mm holders include a plastic cap that protects samples after filtration.

Application

- 25 mm holder is designed for clean room sampling and collection of breathing-zone air samples.
- 37 and 47 mm holders can be used for trapping airborne particles, fluorescent tracers, and other contaminants.

Specifications

Materials of Construction

- Holder
  - 25 mm: Delrin (acetal resin)
  - 37 and 47 mm: Aluminum
  - Hose Barb Adapter: Nylon
- Support Screen
  - 25 mm: Type 316 stainless steel
  - 37 and 47 mm: Type 304 stainless steel
  - O-Ring: Viton
  - Cap, 37 and 47 mm: Polyethylene

Effective Filtration Area

- 25 mm: 3.7 cm²
- 37 mm: 4.9 cm²
- 47 mm: 9.6 cm²

Dimensions

- Overall Length
  - 25 mm: 2 cm (0.8 in.)
  - 37 and 47 mm: 2.4 cm (0.9 in.)
- Diameter
  - 25 mm: 3.5 cm (1.4 in.)
  - 37 mm: 4.4 cm (1.7 in.)
  - 47 mm: 5.4 cm (2.1 in.)

Inlet/Outlet Connections

- 1/8 in. - 27 FNPT; includes 6.4 mm (1/4 in.) ID hose barb adapter

Sterilization

- Provided non-sterile. Autoclavable if desired at 121 - 123 ºC (250 - 253 ºF) at 1.0 bar (100 kPa, 15 psi) for 15 - 20 min. Polyethylene cap not autoclavable.
Related Products

- PVDF Membrane Disc Filters
- GH Polypro (GHP) Membrane Disc Filters
- GLA-5000 Membrane Disc Filters
- GN-4 Metricel® Membrane Disc Filters
- GN-6 Metricel® Membrane Disc Filters
- Glass Fiber Filters
- HT Tuffryn® Membrane Disc Filters
- Metricel® Black Membrane Disc Filters
- Metricel® Polypropylene Membrane Disc Filters
- Nylaflo™ Membrane Disc Filters
- Nylasorb™ Membrane Disc Filters
- PTFE Membrane Disc Filters
- Pallflex® Filters
- Polypropylene/Polyethylene Separators Depth Filters
- Stainless Steel Forceps
- Supor® Membrane Disc Filters
- Glass Fiber Filters
- Versapor® Membrane Disc Filters

Ordering Information

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