

MF series Magnetic Filter Holder



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Patent No.: M503261

Introduction

Rocker MF series magnetic filter holders are designed with double-layer magnets to ensure a tight seal between the funnel and support base. The user-friendly design can allow one-handed operation and prevent possible twisting and tearing of the membrane.

Innovative design of a hose fitting detachable to the support base can allow a direct connection to vacuum source and a flexible use with various kinds of vacuum flask and bottle.

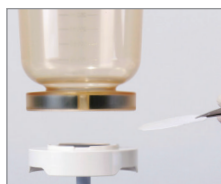
Constructed of Polyether sulfone (PES) material, MF series filter holders can be resistant to a wide range of solvents, sturdy and autoclavable.

Applications

- Suspended Solid test filtration for municipal, surface, ground and drinking water
- Microbiology test filtration in food, pharmaceutical, beverage industries
- Medium purification in life science laboratory
- General filtration for aqueous sample

Benefits:

- **Versatile:**
Compatible with various kinds of bottle, vacuum flask with or without side arm to collect filtrate directly
- **Easy to use:**
Strong magnetic seal allows one-handed operation, prevents possible twisting and tearing of the membrane. Membrane guide on the base helps position membrane easily
- **Safety:**
PES (Polyether sulfone) construction, resistant to a wide range of chemicals and high temperature, sturdy and unbreakable
- **Reusable:**
Withstands numerous autoclave cycles, save money and energy consumption



Easy to use



Compatible with suction flask



Compatible with general flask



Compatible with tissue bottle

Specification

Model	MF 3 / MF 3a	MF 5 / MF 5a
Funnel Capacity	300 ml	500 ml
Effective Filtration Area	13.1 cm ²	13.1 cm ²
Effective Diameter	41 cm	41 cm
Filter Size	47 cm	47 cm
Fitting Size (Tubing)	Ø 4 ~ 8 mm	Ø 4 ~ 8 mm
Graduation Increment	50ml	50ml
Size (Diameter x H)	Ø 9 x 17 cm / Ø 9 x 10.4 cm	Ø 9 x 21.6 cm / Ø 9 x 14.6 cm
Packing Size (LxWxH)	19.5 x 10.2 x 10.2 cm	19.5 x 10.2 x 10.2 cm
Net Weight	350g / 300g	400g / 350g
Gross Weight	450g/400g	500g / 450g

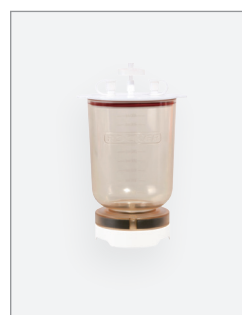
Part	Material
Funnel body	Polyether sulfone
Funnel base	Polyether sulfone
Hose fitting	Polyether sulfone
Support screen	Polyether sulfone
Sealing gasket	Silicone rubber
sealing plug	Silicone rubber
Lid kit	PP (Poly Propylene) construction with PTFE syringe filter



MF 5, 500ml Magnetic Filter Holder with lid kit



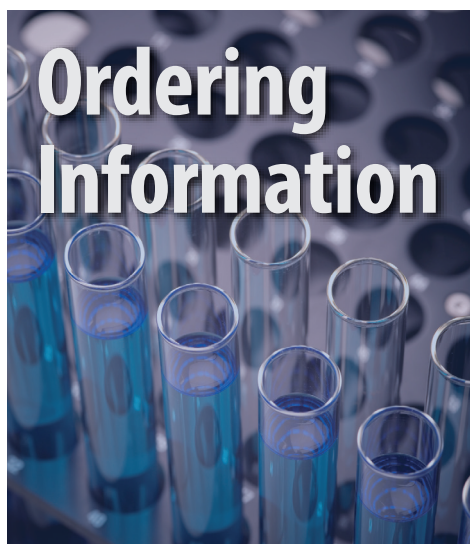
MF 3, 300ml Magnetic Filter Holder with lid kit



MF 5a, 500ml Magnetic Filter Holder (short stem) with lid kit



MF 3a, 300ml Magnetic Filter Holder (short stem) with lid kit



200300-01	MF 3, 300ml Magnetic Filter Holder with lid kit
200310-01	MF 3a, 300ml Magnetic Filter Holder (short stem) with lid kit
200500-01	MF 5, 500ml Magnetic Filter Holder with lid kit
200510-01	MF 5a, 500ml Magnetic Filter Holder (short stem) with lid kit
200300-36	PP lid kit for MF3, MF3a, MF5, MF5a Filter Holder
200300-37	Membrane support screen
194225-01	Syringe filter
167110-17	#16 Silicone stopper
167100-20	PALL 61631, Type A/ E Glass Fiber Discs, 1 um
167100-52	PALL 66278, GN-6 Metrical Membrane Disc Filter, 0.45um, grid(200/PK)

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