

Carefully check if the shipping carton is damaged before unpacking. Please check the items according to standard package list. If you have any question, please preserve serial no. & shipping carton and contact your dealer for quick solution.

Model	MF 3 / 5 Magnetic funnel		MF 3a / 5a Magnetic funnel	
Standard Package Includes:	300/500 ml Magnetic funnel	X1	300/500 ml Magnetic funnel	X1
	Magnetic support base	X1	Magnetic support base _ short	X1
	Silicone sealing plug	X1	Silicone sealing plug	X1
	Detachable hose barb	X1	Detachable hose barb	X1
	Silicone stopper (No.16)	X1	PP funnel lid	X1
	PP funnel lid	X1	Instruction Manual	X1
	Instruction Manual	X1		

*Note: MF 3a, MF 5a are designed for the tissue bottle filtration*

## Maintenance

### 1. Cleaning

- Disassemble the holder completely.
- Soak all parts in clean water. Avoid abrasive cleansers. If necessary, use a soft bristle brush or sponge to remove difficult residues. **\*Suggestion: Do not use any detergents which may cause polyether sulfone (PES) to crack, thereby reducing life of the product.**
- Rinse all parts thoroughly. Final rinse should be done with distilled or deionized water.
- Store in a clean, dry place.

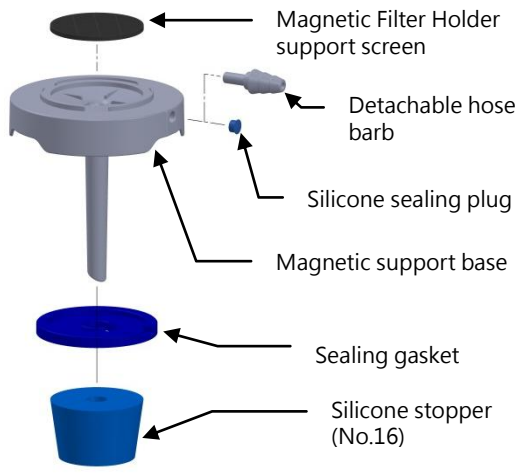
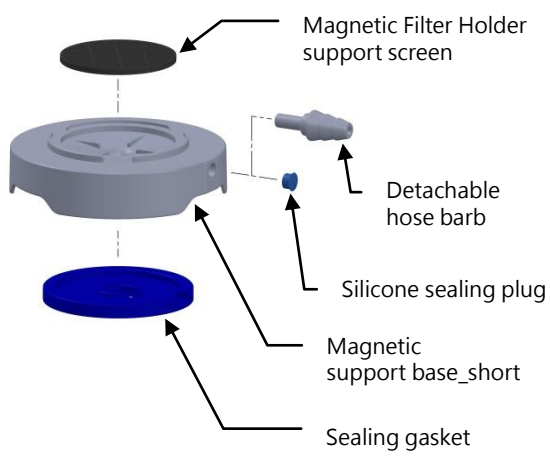
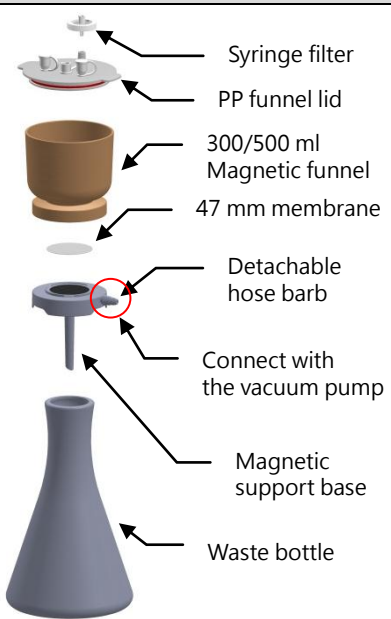
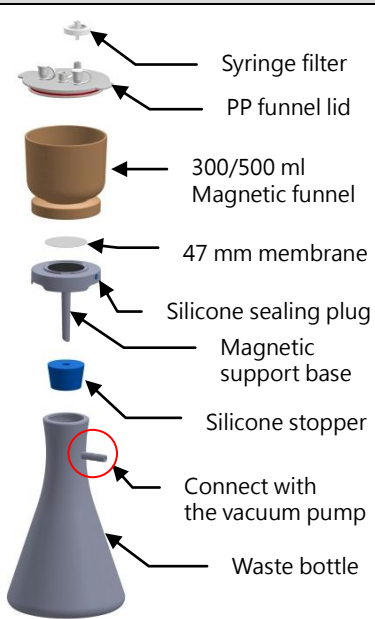
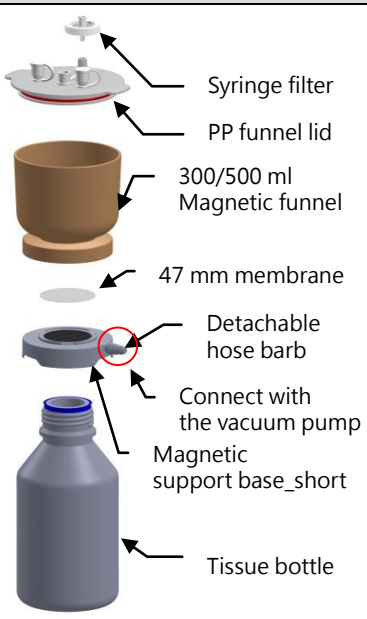
### 2. Sterilization of filter holder

- Please make sure to keep lid kit and stopper separated from the filter holder when autoclaved.
- Autoclave at 121 - 123 °C (250 - 253 °F) at 1.0 bar (100 kPa, 15 psi) for 15 - 20 min.
- Do not autoclave with aluminum foil. It is always recommended to autoclave the funnels in autoclave bags.

## Ordering Information

200300-01	MF 3, 300ml Magnetic Filter Holder (include funnel lid)
200310-01	MF 3a, 300ml Magnetic Filter Holder _short (include funnel lid)
200500-01	MF 5, 500ml Magnetic Filter Holder (include funnel lid)
200510-01	MF 5a, 500ml Magnetic Filter Holder _short (include funnel lid)
200300-36	PP funnel lid for Magnetic Filter Holder
200300-30	300 ml Magnetic funnel
200500-30	500 ml Magnetic funnel
200300-37	Magnetic Filter Holder support screen
194225-01	Syringe filter
167110-17	#16 Silicone stopper
167100-20	PALL A/ E Glass Fiber Discs, 1 um (100/PK)
167100-52	PALL GN-6 Metrice Membrane Disc Filter, grid (200/PK)

## Assembly & Disassembly

MF 3 / 5 Magnetic support base		MF 3a / 5a Magnetic support base_short	
 <p>Magnetic Filter Holder support screen</p> <p>Detachable hose barb</p> <p>Silicone sealing plug</p> <p>Magnetic support base</p> <p>Sealing gasket</p> <p>Silicone stopper (No.16)</p>		 <p>Magnetic Filter Holder support screen</p> <p>Detachable hose barb</p> <p>Silicone sealing plug</p> <p>Magnetic support base_short</p> <p>Sealing gasket</p>	
MF 3 / 5 Magnetic Filter Holder		MF 3a / 5a Magnetic Filter Holder	
 <p>Syringe filter</p> <p>PP funnel lid</p> <p>300/500 ml Magnetic funnel</p> <p>47 mm membrane</p> <p>Detachable hose barb</p> <p>Connect with the vacuum pump</p> <p>Magnetic support base</p> <p>Waste bottle</p>		 <p>Syringe filter</p> <p>PP funnel lid</p> <p>300/500 ml Magnetic funnel</p> <p>47 mm membrane</p> <p>Silicone sealing plug</p> <p>Magnetic support base</p> <p>Silicone stopper</p> <p>Connect with the vacuum pump</p> <p>Waste bottle</p>	
<ol style="list-style-type: none"> <li>1. Push the Magnetic Filter Holder directly down into waste bottle.</li> <li>2. Place 47 mm membrane filter on the support screen</li> <li>3. Connect with the vacuum pump by adaptor and power on vacuum pump to start the filtration process.</li> </ol>		<ol style="list-style-type: none"> <li>1. Plug the support base into #16 silicone stopper and then push the silicone stopper down into waste bottle.</li> <li>2. Place 47 mm membrane filter on the support screen and place the funnel on the membrane filter</li> <li>3. Connect with the vacuum pump by adaptor and power on vacuum pump to start the filtration process.</li> </ol>	
		 <p>Syringe filter</p> <p>PP funnel lid</p> <p>300/500 ml Magnetic funnel</p> <p>47 mm membrane</p> <p>Detachable hose barb</p> <p>Connect with the vacuum pump</p> <p>Magnetic support base_short</p> <p>Tissue bottle</p>	
		<ol style="list-style-type: none"> <li>1. Connect the Magnetic support base short to the top of the tissue bottle.</li> <li>2. Place 47 mm membrane filter on the support screen and place the funnel on the membrane filter</li> <li>3. Connect with the vacuum pump by adaptor and power on vacuum pump to start the filtration process.</li> </ol>	