

## ACCESSORIES FOR MULTI-BRANCH SYSTEM

### STAINLESS STEEL FUNNELS: 40, 100, 500 ml. For colony and particle counting

- Safe & reliable.
- Autoclavable.
- Sanitization by flaming.
- Easy to use.
- Low consumable cost.
- For adapting to multi-branch system use adapter A840.



#### TECHNICAL INFORMATION

Material	Stainless Steel AISI 304, B.S. 304S31
Capacity	40 ml, 100 ml, 500 ml
Filter diameter	47 mm or 50 mm
Filtration area	12.5 cm <sup>2</sup>
Max. operating pressure	Vacuum only
Sanitization	By flaming
Sterilization	By autoclaving (134 °C max.) By dry heat (180 °C)

#### ORDERING INFORMATION

RF040	Stainless Steel, capacity 40 ml with clamp
RF100065	Stainless Steel, capacity 100 ml with clamp
RF500002	Stainless Steel, capacity 500 ml with clamp
RF100063	Stainless steel lid (77.2 + 85.8 mm) for 100 ml funnel
RF100064	Silicone lead seal for 100 ml funnel
RF500001	Stainless steel lid for 500 ml funnel
RF500003	Silicone lead seal (122 + 131 mm) for 500 ml funnel

#### Adapter A840

- For adapting a stainless steel funnel for use on the multi-branch systems.
- The stainless steel frit ensures uniform distribution of microorganisms and particles on the membrane filter surface.



#### TECHNICAL SPECIFICATION

Material	Stainless Steel AISI 304, B.S. 304S31 Gasket: Silicone flat gasket (41 x 50 x 1 mm)
Filter diameter	47 mm or 50 mm
Filtration area	12.5 cm <sup>2</sup>
Max. operating pressure	Vacuum only
Sanitization	By flaming
Sterilization	By autoclaving (134 °C max.) By dry heat (180 °C)
Outlet	TR 20 x 2 mm male thread with (approx. 24 mm) hexagonal nut

#### ORDERING INFORMATION

A840	Single base for stainless steel manifolds
RF102	Stainless steel frit, Ø 50 mm
RF103	Stainless steel frit, Ø 47 mm
RF124	Silicone flat gasket
RF104	PTFE flat gasket
RF274	Silicone O-ring

### GLASS FILTER HOLDER: 30, 250 ml.

For easy particulate analysis and colony and particle counting and for hybridization test.

- Safe & reliable.
- Autoclavable.
- Sanitization by flaming.
- Easy to use.
- Low consumable cost.
- For adapting to multi-branch system use adapter A836 for EFV030 and A837 for EFV250.



#### TECHNICAL SPECIFICATION

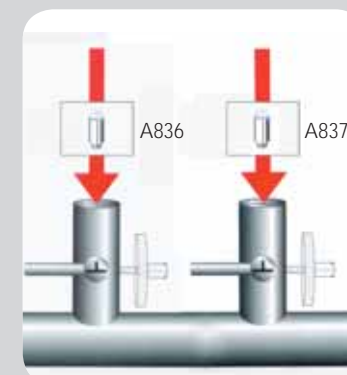
Material	Funnels and base: Borosilicate glass, 3.3 Clamp: Anodized aluminium Filter support: PTFE / Borosilicate glass, 3.3 Lid (only for EFV250): Silicone Gasket: Silicone O-ring (25 x 3 mm for EFV030 and 45 x 3 mm for EFV250)
Max. operating pressure	Vacuum only
Sterilization	By autoclaving (134 °C max.) By dry heat (180 °C)
<b>EFV030 / EFV250</b>	
Capacity	30 ml / 250 ml
Filter diameter	25 mm / 47 or 50 mm
Filtration area	3 cm <sup>2</sup> / 12.5 cm <sup>2</sup>
Outlet (outer diameter)	12 mm / 15 mm

#### ORDERING INFORMATION

EFV030	Glass filter holder 30 ml
EFV250	Glass filter holder 250 ml

#### Adapter A836, A837

- For adapting a glass holder EFV030 and EFV250 on the multi-branch systems.



#### TECHNICAL SPECIFICATION

Material	Base: AISI 304 stainless steel Stopper: Silicone
Max. operating pressure	Vacuum only
Sterilization	By autoclaving (134 °C max.) By dry heat (180 °C)
Outlet	TR 20 x 2 mm male thread

#### ORDERING INFORMATION

A836	Adapter with 11 mm opening in stopper, for using filter holder EFV030
A836280	Replacement stopper for A836
A837	Adapter with 14 mm opening in stopper, for using filter holder EFV250
A837280	Replacement stopper for A837

### POLYCARBONATE FILTER HOLDERS

For colony and particle counting, ideal for microbiological and analytical testing outside the laboratory.

- Autoclavable.
- Low cost of investment and of consumables.
- Can be used to a multi-branch system directly, without adapter.

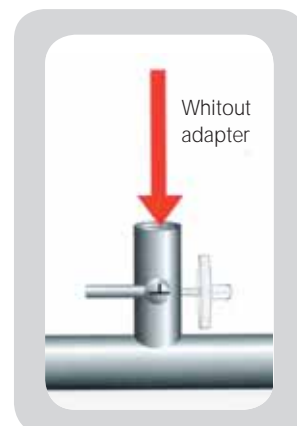


#### TECHNICAL SPECIFICATION

<b>Material</b>	Housing: Polycarbonate Filter support: Polypropylene Gasket: Silicone O-rings (40 x 5mm, 80 x 3 mm, 14 x 2 mm)
<b>Capacity</b>	250 ml
<b>Filter diameter</b>	47 mm (prefilter 37 mm)
<b>Filtration area</b>	11.5 cm <sup>2</sup>
<b>Max. operating pressure</b>	Vacuum or 2 bar (29 psi) max. pressure
<b>Sterilization</b>	By autoclaving (121 °C max.)
<b>Outlet</b>	TR 20 x 2 mm male thread

#### ORDERING INFORMATION

EPC250 Polycarbonate filter holder, 250 ml



### MONITOR READY TO USE

For colony counting, for microbiological testing of pharmaceuticals, cosmetics, food, beverages, water and other liquids.

- Ready to connect, easy to use.
- With an incorporated membrane filter and cellulose pad.
- Just remove the 100 ml funnel to convert to Petri dish.
- Ensures the identification of all colonies.
- Monitors with cellulose nitrate membranes assure effective retention with high flow rates and optimum colony growth.
- Monitors with regenerated cellulose are ideal for bio burden-testing in the veterinary sector.
- Disposable sterile, individually packaged or in trays.
- For adapting to multi-branch, there're two possibilities: adapter A840 plus adapter A414 or adapter A835.



#### TECHNICAL SPECIFICATION

<b>Material</b>	Housing: Polystyrene Membrane filter: cellulose nitrate: white, green or grey Pad: Cellulose Plug adapter: Polyethylene
<b>Capacity</b>	100 ml, 10 ml graduations
<b>Pore sizes</b>	0.2 µm, 0.45 µm, 0.8 µm
<b>Filter diameter</b>	47 mm
<b>Filtration area</b>	14.5 cm <sup>2</sup>
<b>Max. operating pressure</b>	Vacuum only
<b>Sterilization</b>	Gamma irradiation

#### ORDERING INFORMATION

Material	Pore (µm)	Ø (mm)	Colour / Grid	Presentation	Code
Cellulose nitrate	0.2	47	White / black	Sterile, individually packaged, 48 units	ENCS02047BC
Cellulose nitrate	0.45	47	White / black	Sterile, individually packaged, 48 units	ENCS04547BC
Cellulose nitrate	0.45	47	Green / green	Sterile, individually packaged, 48 units	ENCS04547VVC
Cellulose nitrate	0.45	47	Black / white	Sterile, individually packaged, 48 units	ENCS04547NC
Cellulose nitrate	0.20	47	White / black	Sterile, packaged in trays, 48 units	ENCS02047BCT
Cellulose nitrate	0.45 high flow	47	White / black	Sterile, packaged in trays, 48 units	ENCS045HF47BCT
Cellulose nitrate	0.45	47	White / black	Sterile, packaged in trays, 48 units	ENCS04547BCT
Cellulose nitrate	0.45	47	Green / green	Sterile, packaged in trays, 48 units	ENCS04547VVCT
Cellulose nitrate	0.45	47	Black / white	Sterile, packaged in trays, 48 units	ENCS04547NCT
Cellulose nitrate	0.8	47	Black / white	Sterile, packaged in trays, 48 units	ENCS08047NCT
Cellulose regenerated	0.45	47	White / plain	Sterile, packaged in trays, 48 units	ECRS04547BLT

#### Adapter A840

- For adapting a monitor ready to use on the multi-branch systems with adapter A414.
- The stainless steel frit ensures uniform distribution of microorganisms and particles on the membrane filter surface.

#### TECHNICAL SPECIFICATION



<b>Material</b>	Stainless Steel AISI 304, B.S. 304S31 Gasket: Silicone flat gasket (41 x 50 x 1 mm)
<b>Filter diameter</b>	47 mm or 50 mm
<b>Filtration area</b>	12.5 cm <sup>2</sup>
<b>Max. operating pressure</b>	Vacuum only
<b>Sanitization</b>	By flaming
<b>Sterilization</b>	By autoclaving (134 °C max.) By dry heat (180 °C)
<b>Outlet</b>	TR 20 x 2 mm male thread with DN 24 (approx. 24 mm) hexagonal nut

#### ORDERING INFORMATION

<b>A840</b>	Single base for stainless steel manifolds
<b>RF102</b>	Stainless steel frit, Ø 50 mm
<b>RF103</b>	Stainless steel frit, Ø 47 mm
<b>RF124</b>	Silicone flat gasket
<b>RF104</b>	PTFE flat gasket
<b>RF274</b>	Silicone O-ring

#### Adapter A414

- For adapting monitors ready to use onto the filter support A840 of multi-branch system or onto frit of manifolds.

#### TECHNICAL SPECIFICATION

<b>Material</b>	Silicone
<b>Max. operating pressure</b>	Vacuum only
<b>Sterilization</b>	By autoclaving (134 °C max.)

#### ORDERING INFORMATION

<b>A414</b>	Adapter of silicone
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#### Adapter A835

- For adapting a monitor on a multi-branch system. This adapter is attached to the polyethylene adapter (included in the monitors packaging) which is connected to the outlet of the monitor.



#### TECHNICAL SPECIFICATION

<b>Material</b>	Base: AISI 304 stainless steel Stopper: Silicone
<b>Max. operating pressure</b>	Vacuum only
<b>Sterilization</b>	By autoclaving (134 °C max.) By dry heat (180 °C)
<b>Outlet</b>	TR 20 x 2 mm male thread

#### ORDERING INFORMATION

<b>A835</b>	Adapter with 10 mm opening in stopper
<b>A835279</b>	Replacement stopper for A835

## POLYPROPYLENE FUNNEL For colony and particle counting

- Suitable for microbiological analysis of relatively large sample volumes that have a low number of microorganisms.
- Also suitable for testing smaller volumes by placing a sample in a few ml of sterile physiological NaCl solution.
- Specially designed for microbiological testing of pharmaceuticals, food, beverages, water and other liquids.
- Designed to be placed onto bases of manifolds and multi-branch system.
- Graduated at 50, 100, 150 and 200 ml.
- Large inner diameter ensures a high flow rate.
- Guarantees fast filtration and high sample throughput during routine testing.
- Quick performance of the filtrations required in the routine.
- For adapting to multi-branch use adapter A840.



#### TECHNICAL SPECIFICATION

<b>Material</b>	Polypropylene
<b>Capacity</b>	250 ml, 50 ml graduations
<b>Filter diameter</b>	47 mm or 50 mm
<b>Filtration area</b>	12.5 cm <sup>2</sup>
<b>Max. operating pressure</b>	Vacuum only
<b>Sterilization</b>	Ethylene oxide

#### ORDERING INFORMATION

<b>EPP250</b>	Polypropylene funnel, Sterile, packaged in trays, 50 u
<b>EPPS250</b>	Polypropylene funnel, Sterile, individually packaged, 50 u

#### Adapter A840

- For adapting a polypropylene funnel for use on the multi-branch systems.
- The stainless steel frit ensures uniform distribution of microorganisms and particles on the membrane filter surface.



#### TECHNICAL SPECIFICATION

<b>Material</b>	Stainless Steel AISI 304, B.S. 304S31 Gasket: Silicone flat gasket (41 x 50 x 1 mm)
<b>Filter diameter</b>	47 mm or 50 mm
<b>Filtration area</b>	12.5 cm <sup>2</sup>
<b>Max. operating pressure</b>	Vacuum only
<b>Sanitization</b>	By flaming
<b>Sterilization</b>	By autoclaving (134 °C max.) By dry heat (180 °C)
<b>Outlet</b>	TR 20 x 2 mm male thread with DN 24 (approx. 24 mm) hexagonal nut

#### ORDERING INFORMATION

<b>A840</b>	Single base for stainless steel manifolds
<b>RF102</b>	Stainless steel frit, Ø 50 mm
<b>RF103</b>	Stainless steel frit, Ø 47 mm
<b>RF124</b>	Silicone flat gasket
<b>RF104</b>	PTFE flat gasket
<b>RF274</b>	Silicone O-ring