

BioSart® 100 HiQ Monitors.

Microbiological and Analytical Filtration Units
for Pharmaceutical and Cosmetic Quality Control.

Applications

BioSart 100 HiQ Monitors are specially developed for microbiological testing of pharmaceuticals, water, cosmetics and other liquids. BioSart 100 HiQ is an easy-to-handle, 100 ml disposable monitor individually, sterile packed, with a 47-mm diameter membrane and pad. It is a ready-to-use filter unit designed to be placed onto the base of a vacuum manifold.

Performance

BioSart 100 HiQ focuses on requirements in the microbiology laboratory with emphasis on the following benefits:

○ Safety

→ Ensures the recovery

- Individually sterile packed
- 0.2 µm available
- Certified quality
- Media are poured from the top
- 3.5 ml media volume per ampoule

→ Ensures identification of all colonies

- Grey membranes for bright colonies
- 3 different types available

○ Documentation

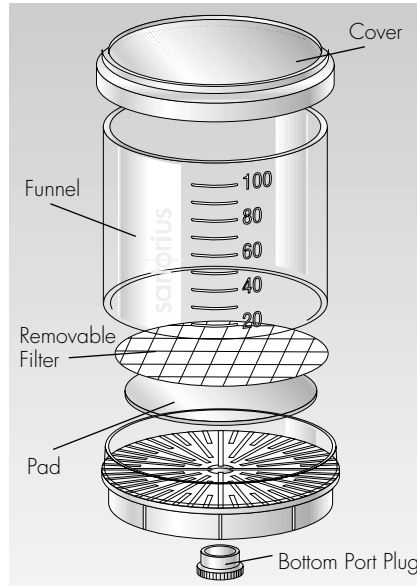
→ Supports validation process

- Removable membranes

○ Economy

→ Saves time and money

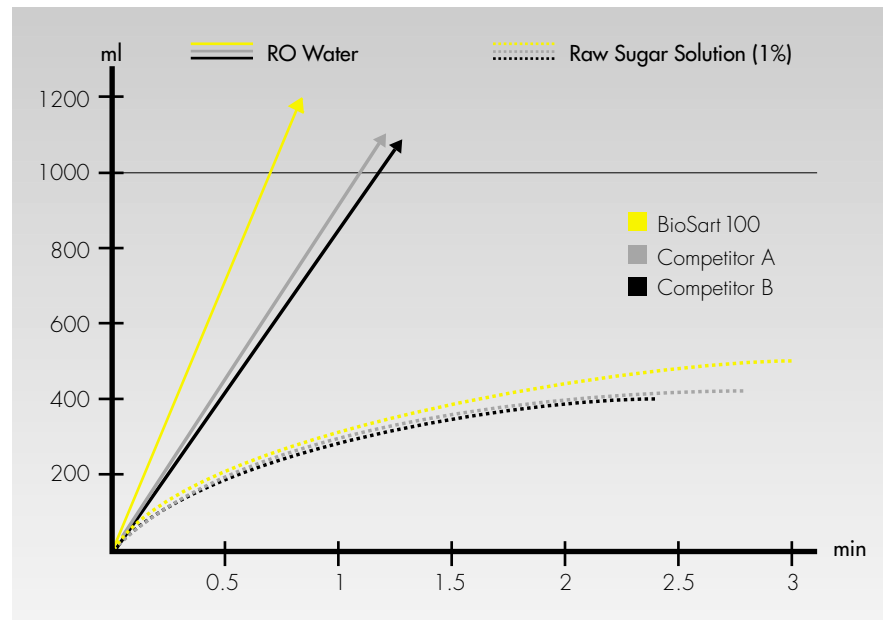
- High flow rate
- High filtration area
- High total throughput
- Easy handling
- Reduced volume after autoclaving



Five easy steps:

1. Pour sample into the monitor
2. Filtration
3. Pour media broth from the top
4. Remove funnel
5. Incubation

Water Flow Rate and Total Throughput Comparison Monitors with 0.45 µm membranes



Sartorius AG, Separation Technology

sartorius

Technical Data	
Pore size:	0.2 µm, 0.45 µm
Filter diameter:	47 mm
Filtration area:	14.5 cm ²
Dimensions:	Height 7.9 cm Diameter 5.6 cm Height: petri dish 1.9 cm
Membrane colour:	White, grey*
Operation limits:	Vacuum only, 80 °C
Compatibility:	pH 3.5 – 8, weak alcohols
Capacity:	100 ml (graduated in 10 ml increments)
Outlet connector:	6.5 x 1.5 mm
Materials:	
Membrane:	Gridded cellulose nitrate filter (removable)
Housing:	Polystyrene
Support pad:	Cellulose
Plug/adaptor:	Polyethylene
Sterilization:	By gamma irradiation
Volume after autoclaving:	Less than 70 cm ³
Certificates:	Recovery and sterility (included in each box)

Accessories	
○ Incubator	18113 (Capacity for 200 petri dishes 47 mm or 160 petri dishes 56 mm)
○ BioSart 100 adapter	16414
○ Single base	16841
○ 3-branch manifold	16842
○ 6-branch manifold	16843
○ Manifold adapter	16840

For more information on the optimal configuration of equipment and accessories please order the new CombiSart brochure Publication No. SL-3017e

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Ordering Information

BioSart 100 HiQ Monitors

164	01	47	07	ACK	
					→ Product type: 164 = Monitor
					→ Filter colour: 01 = White 03 = Grey*
					→ Diameter: 47 mm
					→ Pore size: 07 = 0.2 µm 06 = 0.45 µm
					→ Units per box: ACK= 48 Units individually, sterile packed

*Grey membranes turn black after wetting

Media

164	00	02	EN	K	
					→ Product type: 164 = Monitor
					→ ID: 00 = Media
					→ Volume: 02 = 3.5 ml
					→ Media type: CA = Caso CE = Cetrimide EN = Endo RA = R2A SB = Sabouraud
					→ Units per box: K = 50 Units individually, sterile packed

Other media types available on request



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