












01 Bioset Monitor -- Specification

Filter Media:	Mixed Cellulose Ester (MCE) / Polyether sulfone (PES)		
Membrane Grid Color:	White membrane w black grid / Black membrane w grey grid		
Material:	Filter cup: PS (100ml) /PP (300ml) Lid and base: PS		
Diameter (mm):	47		
Pore Size (µm):	0.22	0.45	0.65
Wettability:	Hydrophilic		
Sterile:	Irradiation sterilization for Food & Beverage grade Ethylene Oxide for medical grade		
Capacity:	100 mL/300mL		
Surface:	White membrane with black grid / Black membrane with grey grid		
DI Water Flow Rate @ 25°C, 0.45µm, 0.7 bar (70 kPa, 10 psi) (ml/min/cm²):	>20	>40	>60
Microbiological Recovery Rate	ISO 7704:2023		





02 Bioset Monitor – 100ml and adppter

Item	Compatible Filtration system	Adapter	Manifold
100ml Bioset monitor BMMCE047-045100WG 	MicroScience manifold funnel: VFM0103G, VFM0203G, VFM0106G, VFM0206G		
	Millipore Filtration head for rubber stopper tulip for EZ-Fit® Manifold: EZFITHIHE1 Or any other manifold with #8 silicon stopper		
	Pall 4959, 4892 With No.8 Silicone Plug		
	GVS 10498763/10498764 #8 silicon stopper 10498550 - MS PN BM005		
	Sartorius Microsart® Manifolds: 168M6-BS100, 168M3-BS100, 168M1-BS100, 168M2-BS100 Adapters 16424 - MS PN: BM002		
	Millipore EZ-Fit® Filtration Unit head for EZ-Fit® Manifold: Adapters EZFITMHTA1 - MS PN: BM004		
	Pall MicroFunnel Adapter PN 4890 - MS PN: BM003		

03 Bioset Monitor – 300ml

Item	Compatible Filtration system	Manifold
<p>300ml Bioset monitor BMMCE047045300WG: <u>Ready-to-use</u> graduated filter funnel with membrane base</p> <p>BM001: 300ml monitor consists: <u>Ready-to-use</u> graduated filter funnel</p> 	<p>EZ-Fit® Filtration Unit head for EZ-Fit® Manifold Head PN: EZFITMHTA1</p>	
	<p>Microfil® Filtration head for EZ-Fit® Manifold Head PN: EZFITMIHE1</p>	

04 Cross Reference

Brand	MicroScience 	Sartorius Biosart® 100 Monitors 	Millipore EZ-Fit® 	PALL (Cytiva) MicroFunnel 
Membrane Material	MCE, PES	CN, RC	MCE, PVDF	GN-6 Metrical (0.45um MCE) Supor (0.2um PES) Metrical Black (Modified black PES)
Product Serie	Bioset	Microsart Biosart	EZ FIT MICROFIL 55 plus monitor MILLIFLEX OASIS	MicroFunnel™
Data sheet	100ml+300ml 0.45µm, 0.22µm; 0.8µm 3µm, 5µm 47mm white, black	100ml+250ml 0.2 µm, 0.45 µm or 0.8 µm 47mm white, grey, green	100ml+250ml 0.2 µm, 0.45 µm, 0.8 µm, 0.7µm, 1.2µm white, black	100ml+300ml 0.2 µm, 0.45 µm, 0.8 µm white, black