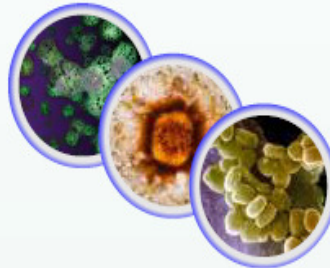


Bacterial and viral filter

PBF-100 series

Using our bacterial and viral filter prevents cross-contamination during lung function tests.

Weekly at least 10 billion micro organisms can be detected in a dry closed system spirometer after 1000 measurements. The most characteristics ones are as follows:



- Acinetobacter calcoaceticus (var Anitratus)
- Acinetobacter calcoaceticus (var Lwoffii)
- Achromobacter xylosoxidans
- Alkaligenes denitrificans
- Alkaligenes spp
- Citrobacter freundii
- Aerobic spore bearing bacillus
- Coliform Gram negative bacilli
- Enterobacter agglomerans
- Flavobacterium spp
- Klebsiella pneumoniae
- Pseudomonas fluorescens
- Pseudomonas spp
- Staphylococcus aureus
- Staphylococcus albus
- Streptococcus spp (haemolytic)
- Xanthomonas spp
- Penicillium spp

Size	D 100 mm * L 75 mm
Filtrating media	Filtrete by 3M Electrostatically charged fiber
Resistance	60 Pa/l/s @ 12 l/s
Additional dead space	75 ml
Bacterium filtration efficiency	99,9999 % Tested by Nelson Laboratories Salt Lake City, USA
Virus filtration efficiency	99,9999 % Tested by Nelson Laboratories Salt Lake City, USA



PBF-100
Patient side connection
ISO-30 medical taper, Male

PBF-100M
Patient side connection
Elliptic, form of lips



Fully
recyclable
made from
homogenous
polypropylene

Models of PBF-100 series fit the most popular spirometers



Code	Colour	Device side connection	Patient side connection	To fit spirometers
PBF-100-G	Green	ISO-30 medical taper Female: ID 30,9 mm Basic taper 1:20	ISO-30 medical taper Male: OD 30,2 mm Basic taper 1:20	Piston SensorMedics PK Morgan
PBF-100M-G	Green	ISO-30 medical taper Female: ID 30,9 mm Basic taper 1:20	Elliptic, form of lips	
PBF-100-W	White	Male: OD 30,0 mm Taper angle 2°	ISO-30 medical taper Male: OD 30,2 mm Basic taper 1:20	Micromedical MIR Vitalograph
PBF-100M-W	White	Male: OD 30,0 mm Taper angle 2°	Elliptic, form of lips	

Adapters available for different kind of spirometers

Code	Manufacturer	Country	Flow meter
PBMED-01	MedGraphics	USA	PreVent
PBFIM-01	FIM	France	Fleisch-tube
PBAG-01	Ganshorn	Germany	Ultrasonic
PBAG-02	Ganshorn	Germany	Shutter Type:1
PBAG-03	Ganshorn	Germany	Shutter Type:2
PBAG-04	Ganshorn	Germany	Variable orifice
PBAG-05	Ganshorn	Germany	Oscillometerr

Packaging	Content	Size	Weight
Basic box	50 pcs	W: 38 cm L: 24 cm H: 33 cm	2,2 kg
Collecting box	20 Basic boxes 1000 pcc	W: 80 cm L: 120 cm H: 66 cm	48 kg

