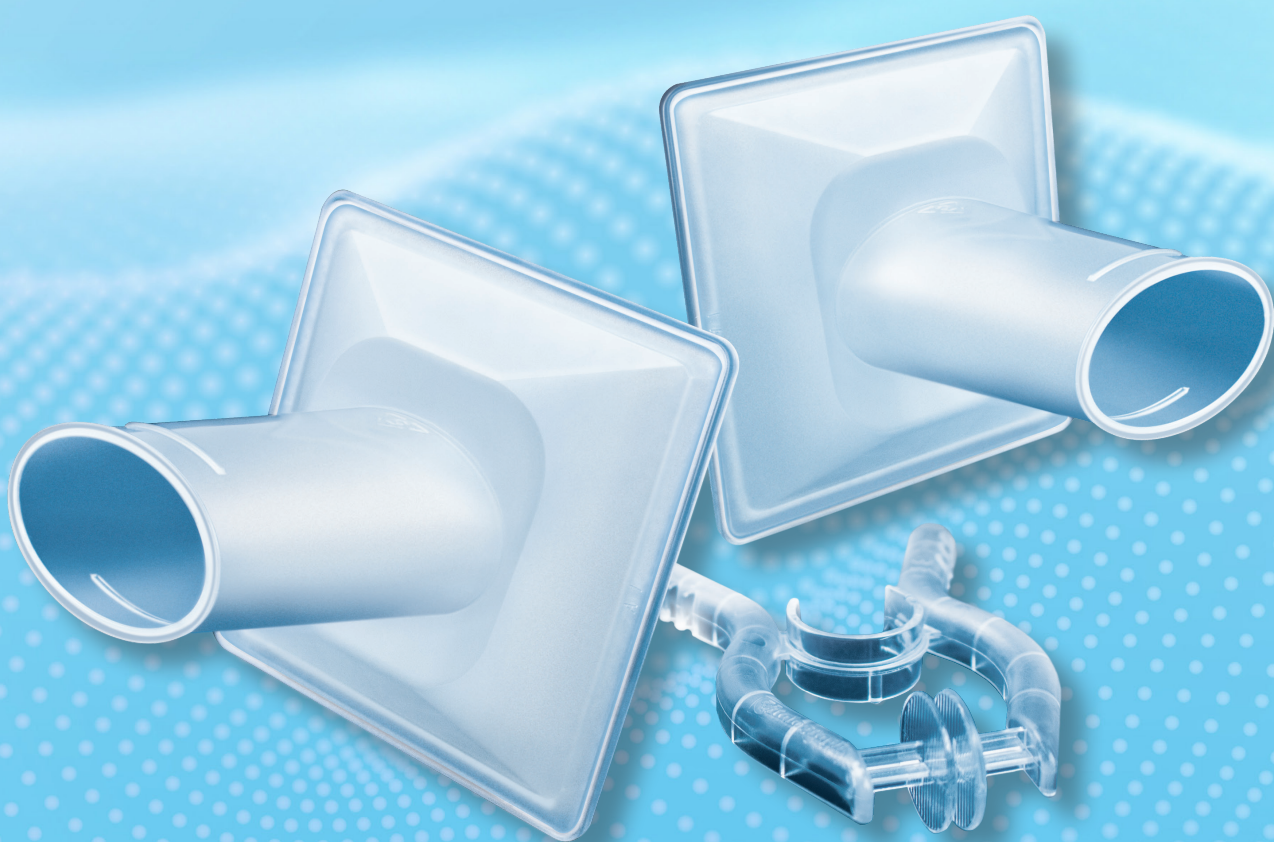


Healthcare

# VITALOGRAPH Eco BVF BACTERIAL VIRAL FILTERS

Safer Pulmonary Function Testing During COVID-19 and Beyond



A Global Leader in Respiratory Diagnostics

 **vitalograph**<sup>®</sup>

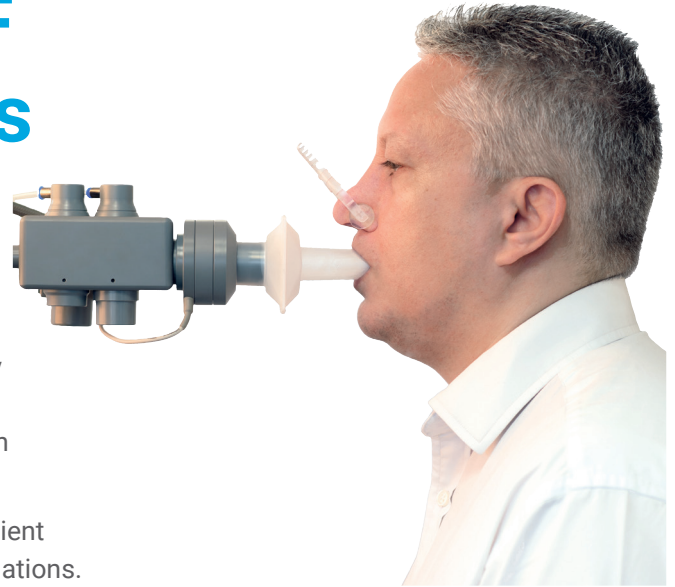
[vitalograph.com](http://vitalograph.com)

# Vitalograph Eco BVF Bacterial Viral Filters

## High Performance Cross Contamination Protection for Pulmonary Function Testing (PFT)

The Vitalograph® range of Eco BVFs combines independently validated >99.999% bacterial and viral cross-contamination efficiency for medical personnel, patients and equipment with a reduced environmental impact.

The range includes a 'Bite-Lip' design offering a more convenient alternative to conventional Filter/Bite-On mouthpiece combinations.

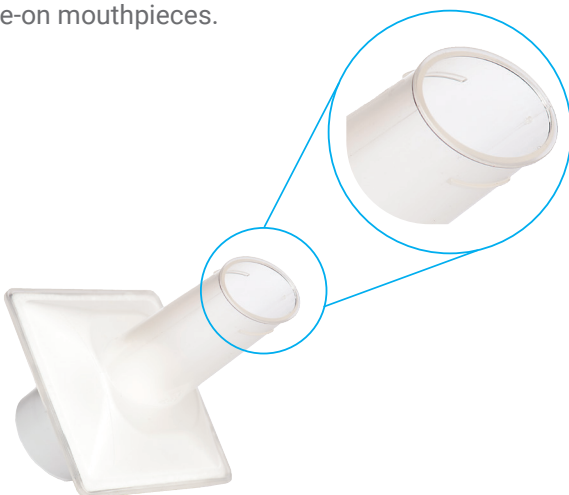


## Reduced Environmental Impact

- Single-material, 100% recyclable\* ♻️
- 80% reduction in energy expended during manufacturing\*\*
- 54% reduction in filter waste volume\*\*

## Eco BVF Bite-Lip Option Reduces Consumable Costs

Extended patient side with plastic bite-on lip reduces costs by eliminating the need for additional silicone bite-on mouthpieces.



\* Eco-BVF outer casing is Polypropylene and may be recycled with #5 materials. Eco-BVF filter is non-woven Polypropylene with acrylic strands. Check your local recycling capability to ensure this form of Polypropylene is accepted for recycling with #5 materials.

\*\* compared to standard Vitalograph BVFs

\*\*\* Thermoplastic Elastomer

## Benefits

- Optimal protection for patients, staff and equipment
- Bite-Lip and standard Eco BVFs available for all leading makes of PFT equipment
- Filter dead space 55ml (excluding tapers)
- Low flow impedance <0.04kPa at 1L/s

## Full Range of PFT Kits Available

- PFT Kits available for Eco Bite-Lip BVFs and standard Eco BVFs
- Kits include choice of Eco BVF™ Bite-Lip + Nose Clips, or standard Eco BVF + TPE\*\*\* Bite On Mouthpiece + Nose Clips

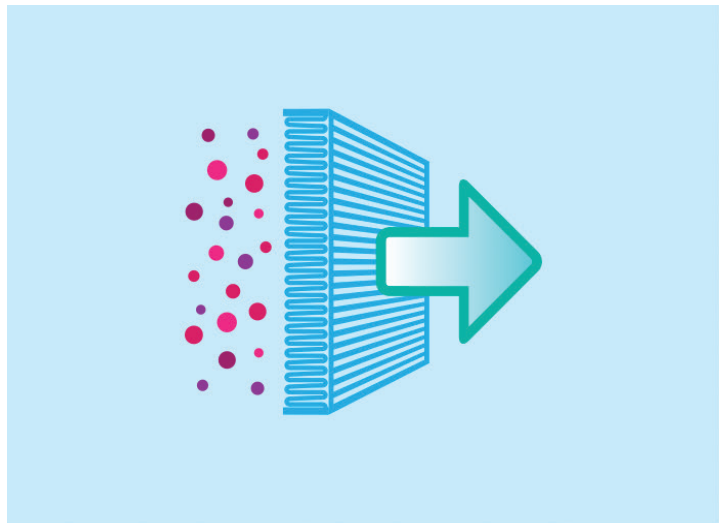


**Kits available for Jaeger/Carefusion/Vyaire,  
MediSoft, Ganshorn etc.**

## Cross-Contamination Efficiency for Bacteria and Viruses

Vitalograph Eco BVFs filter droplets, aerosols, bacteria and viruses (including MRSA, TB, Influenza & SARS-CoV-2) out of the airstream with >99.999% cross-contamination efficiency.

Cardboard mouthpieces, disposable turbines and ultrasonic flow sensors do not prevent potentially germ carrying droplets and particulates from being expelled into the testing environment.



## Measurement Accuracy Assured for all Spirometer & PFT System Brands

You can be confident that the use of Eco BVFs will not give rise to measurement errors.

1. Resistance (Flow Impedance) of the filter: Vitalograph filters are well below the maximum resistance value recommended by international ATS/ERS/ISO Spirometry Standards.
2. The Vitalograph Eco BVF has a comparatively small effective deadspace of 55ml to improve the validity and consistency of testing and minimise rebreathing.

## Compliance with International Standards

Vitalograph is a world leading manufacture of equipment for pulmonary function professionals. Vitalograph filters are CE marked and are designed and manufactured in line with the following requirements:

ISO 13485, FDA 21 CFR 820, CMDR, JPAL

**Eco BVF and Eco BVF/Nose Clip Kits available for most office spirometers including; MIR, MicroMedical, Cosmed etc.**



# Technical Specifications

<b>Materials:</b>	<b>Eco BVF</b> Polypropylene	<b>Eco BVF Bite-Lip</b> Polypropylene
<b>Dimensions:</b>	68mm x 72mm	68mm x 95mm
<b>Weight:</b>	11gm	25gm
<b>Dead Space:</b>	55ml (exc. tapers)	55ml (exc. tapers)
<b>Resistance:</b>	0.04kPa/(L/s) at 1L/s	0.04kPa/(L/s) at 1L/s
<b>Cross-contamination efficiency:</b>	>99.999%	>99.999%

## Ordering Information

Eco BVF for PFT Equipment and Office Spirometers				
Product Model Number	Customer Order Number	Product Description	Product Box Size	Product Fits
2820	28557	Eco BVF with Plastic Bite Lip	75	Carefusion / Jaeger / Vyair
	28550	Eco BVF with Plastic Bite Lip + Disposable Nose Clip	75	Carefusion / Jaeger / Vyair
	28552	Eco BVF + TPE* Bite-On Mouthpiece + Disposable Nose Clip	60	Carefusion / Jaeger / Vyair
	28554	Eco BVF with Plastic Bite Lip	75	Vitalograph / MediSoft / Office Spirometers
	28553	Eco BVF with Plastic Bite Lip + Disposable Nose Clip	75	Vitalograph / MediSoft / Office Spirometers
	28551	Eco BVF + TPE* Bite-On Mouthpiece + Disposable Nose Clip	60	Vitalograph / MediSoft / Office Spirometers

Eco BVF for Office Spirometers				
Product Model Number	Customer Order Number	Product Description	Product Box Size	Product Fits
2820	28501	Eco BVF	100	Vitalograph / Cosmed / MicroMedical / MIR
	28572	Eco BVF + Disposable Nose Clip	80	Vitalograph / MediSoft / Office Spirometers



Adaptors				
Product Model Number	Customer Order Number	Product Description	Product Box Size	Product Fits
2820	29748	Adaptor for Eco BVF, 28501, 28551, 28553, 28554, 28572	1	Koko
	29808	Adaptor for Eco BVF, 28501, 28551, 28553, 28554, 28572	1	nSpire / ZAN
	29828	Adaptor for Eco BVF, 28550, 28552, 28557	1	nSpire / ZAN

\*Thermoplastic Elastomer

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