

Vitalograph Respiratory Test Disposables



the difference is clear








# Respiratory Test Disposables from Vitalograph

**Vitalograph**<sup>®</sup>  
Your respiratory partner

## BVF™ Bacterial/Viral Filters

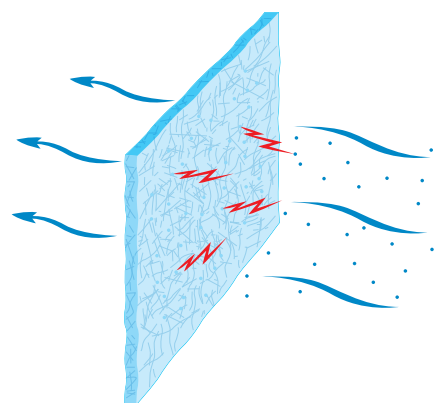
- Single use filters for effective removal of bacteria, viruses and expectorated matter
- Suitable for inspiratory and expiratory spirometry testing
- Protects the subject against cross-infection
- Protects the spirometer against cross-contamination
- Validated 99.99% cross-contamination efficiency for both bacteria and viruses
- Very low expiratory flow impedance
- Low effective dead space of 65ml as required for lung volume and DLCO testing
- Efficient at high flow rates
- Attractively priced



Code:	Colour:	To fit spirometers from:
28350	Blue  (Small Mouthpiece)	Vitalograph, MIR, Micro Medical and most office spirometers
28362	White 	Most Lab PF Equipment, including Sensormedics, PK Morgan, Ganshorn (new)
28363	Clear 	Jaeger/VIASYS/Carefusion PF Lab Equipment
28365	Teal 	MedGraphics PF Lab Equipment
28375	Grey 	Chest, Fukuda, Minato
28368	Green 	Ferraris/nSpire/PDS/KoKo
28401	Translucent  (Fits Syringe)	Most office spirometers, including Vitalograph, Medisoft, Cosmed, MIR, Micro Medical, ZAN, H.R and other applications

Unlike barrier filters which trap expectorated matter whilst allowing viruses and bacteria to pass through, Vitalograph filters use an electrostatically charged material that traps expectorated matter plus bacteria and viruses for highly effective protection against cross-contamination.

In addition to the hygiene benefits of using bacterial viral filters they also support productivity in pulmonary function testing by reducing the time spent cleaning and decontaminating test equipment.



## Pulmonary Function Test Kits

- Complete pulmonary function test kits for use with laboratory lung function analysers and office spirometers
- Designed to provide high performing protection against cross-infection
- Ergonomically designed for comfort and ease of use
- Kits can include BVF, optional mouthpiece, optional elbow and noseclip
- Attractively priced
- Completely disposable

All PFT Kits can be supplied with any Vitalograph BVF or mouthpiece, even if not listed overleaf.



Silicone bite-on mouthpiece may be single use or cleaned and disinfected (user's choice)



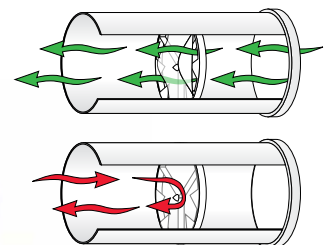
Synthetic bite-on and plastic mouthpiece, single-use, disposable

## Your choice of optional bite-on and plastic mouthpieces

- High quality mouthpieces designed for use with any size filter
- Ergonomically designed for a comfortable fit
- Attractively priced
- Completely disposable or washable

## SafeTway® Mouthpieces

- Protects the subject from cross-infection
- Suitable for expiratory manoeuvres with peak flow meters and spirometers
- One-way valve prevents inhalation from spirometer



## Technical Specification: Ordering Info:

**Product Name:** B/V Filter

**Model No:** 2820

**Efficiency:** 99.99% @ 55 and 750 L/min

**Validation using Bacillus Subtillis var niger mean dia.:** 0.7 to 1 µm

**Resistance to Airflow @ 750L/min (BVF alone):** 0.08kPa/L/s (0.8 cmH<sub>2</sub>O)

**Resistance to Airflow @ 750L/min (BVF + Fleisch):** 0.12kPa/L/s (1.2 cmH<sub>2</sub>O)

**Effective Deadspace (excluding Tapers):** 65mL

**Material:** Electrostatic nanofibre technology filter medium

### All Respiratory Test Disposables

**Designed & Manufactured Under:**  
ISO 13485:2003, FDA 21CFR820, CMDR

**Medical Safety Standard:**  
Medical Devices Directive 93/42/EEC  
(as amended)

### BVF Bacterial/Viral Filters:

28350 2820 Blue BVF fits Office Spirometers (50)

28362 2820 White BVF fits PFT Lab Systems (50)

28363 2820 Clear BVF fits Jaeger (50)

28365 2820 Teal BVF fits Med Graphics (50)

28368 2820 Green BVF fits PDS/Koko (50)

28375 2820 Grey BVF  
fits Fukuda/Chest/Minato (50)

28401 2820 Translucent BVF  
fits Cosmed/Medisoft (50)

### SafeTway® Mouthpieces:

20242 2024 SafeTway mouthpieces (200)

20980 2024 SafeTway mini mouthpieces (50)

### Bite-On Mouthpieces:

20310 2020 Silicone Bite-On Mouthpieces (50)

20989 2020 Disposable Oval Mouthpieces (50)

20305 2020 Disposable Elbow (50)

### Noseclips:

20303 2030 Disposable Noseclips (200)

28370 Blue BVF + Noseclip (50)

28371 Clear BVF + Noseclip (50)

28372 White BVF + Noseclip (50)

### Some of the available Pulmonary Function Test Kits:

28381 PFT Kit White BVF Silicone (50)

28382 PFT Kit Clear BVF Silicone (50)

28385 PFT Kit Clear BVF Oval Elbow (50)

28400 PFT Kit Translucent BVF Oval (50)

28421 PFT Kit Translucent BVF Silicone (50)

28425 PFT Kit Translucent BVF Disposable (50)

Vitalograph is a world leading provider of outstanding quality cardio- respiratory diagnostic devices, clinical trial services and medical equipment servicing. With a pioneering heritage of excellence spanning half a century Vitalograph continues to make valuable contributions to effective medical care and enhanced quality of life.

# Vitalograph®

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