Respiratory Test Disposables from Vitalograph
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

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.

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

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

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

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
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.

**Technical Specification:**
- **Product Name:** BVF 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 cmH2O)
- **Resistance to Airflow @ 750L/min (BVF + Fleisch):** 0.12kPa/L/s (1.2 cmH2O)
- **Effective Deadspace (excluding Tapers):** 65mL
- **Material:** Electrostatic nanofibre technology filter medium

**Ordering Info:**

**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)