

the difference is clear

Respiratory test disposables from Vitalograph

Transmission of respiratory pathogens can take place between test subjects undertaking lung-function tests. Isolation from the equipment by means of a BVF or SafeTway can prevent this

Bacterial Viral Filters (BVF™)

- 99.99% cross-contamination reduction efficiency at 1 micron
- Very low back pressure
- Reduced effective dead space of 65ml
- Comfortable mouthpiece
- Efficient at high flow rates
- Protects test subject and equipment
- Fully disposable



SafeTway® mouthpieces

- For use with peak flow meters and spirometers
- One-way valve prevents accidental respiratory maneuver
- Completely disposable



Noseclips

- Disposable, plastic noseclips for lung function testing



Vitalograph is the world's leading provider of outstanding respiratory diagnostic, screening and monitoring devices. With a heritage of excellence spanning half a century, Vitalograph continue to make pioneering contributions to effective respiratory care and enhanced quality of life.



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Blue BVF fits:

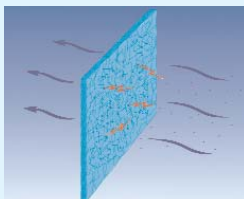
Clement Clarke VM1 / VMX
Cosmed
Multispiro
Puritan Bennett
S&M
Spirometrics (2014)
Spirolite 303, 323 (Multispiro sys)
M.I.R
All Vitalograph spirometers

Blue BVF with 20730 Adaptor:

Brentwood(Mouthpieces);
Chest Microspiro
Fukuda Denshi
Futuremed
Infomed RFU5000
Ohio822
Schiller
Spirote
Tamarac(except Flash)
Welch Allyn

White BVF fits

Collins Eagle & Survey (22.401)
Gould (42.157/9)
Infodyne 4000
Ohio 822
PK Morgan Benchmark FRC
PK Morgan Benchmark Transfer Test
Sensormedics
Spirometrics
VIASYS Jaeger Flowscreen
VIASYS Spiropro
VIASYS Jaeger Masterlab
VIASYS AM-1 and AM-2



A range of other adapters are available to suit other devices

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Technical Specification:

Cross Contamination Efficiency Bacteria: 99.99% @ 55L/min
Cross Contamination Efficiency Virus: 99.99% @ 55L/min
Cross Contamination Efficiency Bacteria: 99.99% @ 750L/min
Cross Contamination Efficiency Virus: 99.99% @ 750L/min
Filtration Efficiency (single pass) Bacteria: 99.5% @ 55 L/min
Filtration Efficiency (single pass) Virus: 99.2% @ 55L/min
Filtration Efficiency (single pass) Bacteria: 99.4% @750 L/min
Filtration Efficiency (single pass) Virus: 99.4% @ 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)
Resistance to Airflow ATS/ERS:2005 limit: 0.15kPa/L/s (1.5cmH₂O)
Total Deadspace including Both Tapers: 98mL
Effective Deadspace (excluding Tapers): 65mL
Mouthpiece End Sizes: Blue BVF 25mm; White BVF 29mm
Instrumentation End Sizes: Blue BVF 30mm O.D; White BVF 13mm I.D
Material: Electrostatic nanofiber technology filter medium
Designed & Manufactured Under: ISO 13485:2003, FDA 21CFR820, CMDR & JPAL

Ordering Info:

Catalogue No.

- 28350 Blue BVF™ Bacterial Viral Filters (50)
- 28362 White BVF™ Bacterial Viral Filters (50)
- 20242 SafeTway® mouthpieces (200)
- 20980 Mini SafeTway® mouthpieces (50)
- 20201 Standard disposable mouthpieces (200)
- 20202 Mini disposable mouthpieces (200)
- 20303 Noseclips (200)
- 20730 Adapter
- 20302 Mini mouthpiece adapter