

the difference is clear

Vitalograph ALPHA

Effective spirometry – pure & simple

Vitalograph ALPHA is an easy to use, lightweight desktop spirometer that delivers an ideal combination of portability, speed and accuracy. ALPHA's low cost spirometry testing is enhanced by a precise and robust Fleisch pneumotachograph and a high resolution colour screen.

- ❖ Measures VC, FVC, FEV₁, FEV₁ Ratio, PEF, FEF_{25-75%} and more
- ❖ On-screen visualisation of volume/time and flow/volume curves
- ❖ Saves multiple pre-tests for subsequent post-testing
- ❖ Compact Flash removable memory card slot
- ❖ Presents the test information in clear, easy to read format
- ❖ Links to PC, via USB, with Vitalograph Reports Software
- ❖ Fast, silent printer that prints 140 tests per roll
- ❖ Battery and mains power with integrated battery for off site testing
- ❖ Real time clock
- ❖ Autoclaveable flowhead
- ❖ Facility for user accuracy checks
- ❖ Automatically selects the best test
- ❖ Complete with stylish carry case

Vitalograph is a world leading provider of outstanding quality 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.



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Technical Specification:

Product: ALPHA Spirometer

Model No: 6000

Size: 300 x 250 x 75mm

Weight: 2kg net

Parameters Measured:
Varies by country variant

Operating Temperature Range:
ATS/ERS Limits: 17 - 37°C
Design Limits: 10 - 40°C

Voltage/Frequency: 110-250V~50/60Hz

Flow Detection Principle:
Fleisch type pneumotachograph

Volume Detection:
Flow integration sampling @ 100Hz

Accuracy when Operated in Operating Temperature Range Conditions:
Flow +/- from 10% to 5%
Max flow rate +/-16L/s
Min flow rate +/-0.02L/s

Volume Accuracy: Better than +/-3%

Maximum Displayed Volume: 10 L

Maximum Test Duration: 90 seconds

Flow Impedance:
<0.1kPa/L/s @ 14L/s
Complies with ATS/ERS 2005

Printer: Thermal

Performance Standards:
ATS/ERS 2005 & ISO 26782:2009,
ISO 23747:2007

Safety Standards:
IEC 60601-1:2005

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

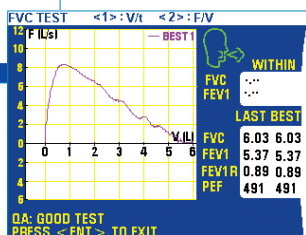
Designed & Manufactured Under:
ISO 13485:2003, FDA 21CFR820,
CMDR

Communications:
USB and Compact Flash

Vitalograph Alpha - Main Menu

- | | |
|----------------|------------------|
| 1 VC TEST | 6 NEW SUBJECT |
| 2 FVC TEST | 7 ACCURACY CHECK |
| 3 PRINT | 8 CONFIGURATION |
| 4 POST MODE | 9 HELP |
| 5 CLEAR RESULT | |

PRESS BUTTON NUMBER



Ordering Info:

- 65000** 6000 ALPHA™ Spirometer
- 28350** 2820 BVF™ Bacterial Viral Filters (50)
- 20242** 2024 SafeTway® mouthpieces (200)
- 20980** 2024 SafeTway® mini mouthpieces (50)

- 20303** 2030 Noseclips disposable (200)
- 36020** 2040 Precision Syringe 3-L
- 66149** Thermal printer paper (5)
- 42084** Flow conditioning meshes (10)

Vitalograph®

Your respiratory partner

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