

the difference is clear

# Vitalograph ALPHA

## Effective spirometry – pure & simple

- ❖ Dedicated all-in-one desktop unit
- ❖ Simple to use
- ❖ Rapid and low cost testing
- ❖ Clear and bright colour screen
- ❖ Accurate Fleisch pneumotachograph
- ❖ Measures VC, FVC, FEV<sub>1</sub>, FEV<sub>1</sub>%, PEF, FEF 25-75 and more
- ❖ On-screen visualisation of volume/time and flow/volume curves
- ❖ Saves multiple pre-tests for subsequent post-testing
- ❖ CompactFlash removable memory card slot
- ❖ Presents the test information in clear, easy to read format
- ❖ Links to PC, via USB, with report generation 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 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.**



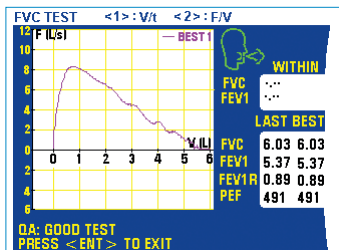


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## Vitalograph® alpha - Main Menu

- |                |                  |
|----------------|------------------|
| 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



## Technical Specification:

### Product:

Vitalograph ALPHA

### 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 & EN13826

### Safety Standards:

EN ISO 60601-1:2005 -1 -2 -4

### Medical Safety Standard:

Medical Devices Directive  
93/42/EEC1993

### Designed & Manufactured Under:

ISO 13485:2003, FDA 21CFR820,  
CMDR & JPAL

### Communications:

USB and Compact Flash

## Ordering Info:

### Catalogue No.

- |          |                                       |
|----------|---------------------------------------|
| 65000    | Vitalograph ALPHA                     |
| 28350    | BVF™ Bacterial Viral Filters (50)     |
| 20242    | SafeTway® mouthpieces (200)           |
| 20980    | Mini SafeTway® mouthpieces (50)       |
| 66149    | Thermal printer paper (5)             |
| 20303    | Noseclips (200)                       |
| 63054    | Serial spirometry record cards (6x50) |
| 42084    | Flow conditioning meshes (10)         |
| 36020    | 3-L Precision Syringe                 |
| 20979    | Briefcase-type carrying case          |
| 66408SPR | Large fabric carrying case            |

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