

A photograph of a man and a woman laughing joyfully under a large blue umbrella. The man is on the left, wearing a dark jacket, and the woman is on the right, wearing a light-colored hat and a blue sweater. The background is a bright, overcast sky.

Vitalograph lung monitor range

the difference is clear

Vitalograph lung monitor range

Lung function home monitors

Vitalograph[®]
Your respiratory partner

Vitalograph lung monitor

For simple, accurate lung function monitoring at home

This easy to use home monitoring device is designed to record key lung function parameters for those with respiratory conditions including COPD, cystic fibrosis and transplant patients.

- Measures FEV₁, FEV₆ and the ratio
- Displays % of personal best FEV₁
- Colour zones are set to the personal best FEV₁
- Simple to use
- Large, easy to read display
- Electronic record – no need for record cards
- Stores 200 test sessions
- Automatically assesses test quality
- Quality of blow indicator
- Easy to clean mouthpiece and flowhead
- Suitable for use in clinic with SafeTway® mouthpieces
- Uses long life AAA batteries
- Language independent
- ATS/ERS:2005 Spirometry Guidelines



The lung monitor comes complete with:

- Plastic mouthpiece
- Carry pouch
- Guide for the healthcare professional
- 2 AAA batteries

The lung monitor is very easy to use, simply:

- Blow for 6 seconds (device beeps after 6 seconds)
- Repeat blow 3 times
- Press 'Enter' to view best result
- Transmit results (on comms version)

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Vitalograph lung monitor usb

For the home monitoring of FEV₁, FEV₆, ratio and FEF, with electronic and hard copy reports

The lung monitor usb links to your PC to produce PDF reports for archiving or printing. These reports include the following:

- Subject ID and name
- Age, height, gender, and weight fields optional
- Personal best FEV₁ is as set in the lung monitor
- Best FEV₁, FEV₆, ratio and FEF^{1,2} are automatically populated
- Device ID and time/date fields automatically populated
- BMI calculated if weight entered
- Blow quality and number of blows indicated
- Ability to add comments to the report
- Information presented in tabular and graphical form
- Report headers can be customised
- Can automatically name the PDF file
- Ability to add comments to the report



Additional Report Information

The following details are not stored on the copd-6 device. If you would like any of these details to be displayed on the generated report, please enter them now. Otherwise, they shall not appear on the report.

Demographics

Last Name: Initial: First Name:

Subject ID: Weight (lbs):

Comments:

Unit Measure
 Imperial & US
 Metric

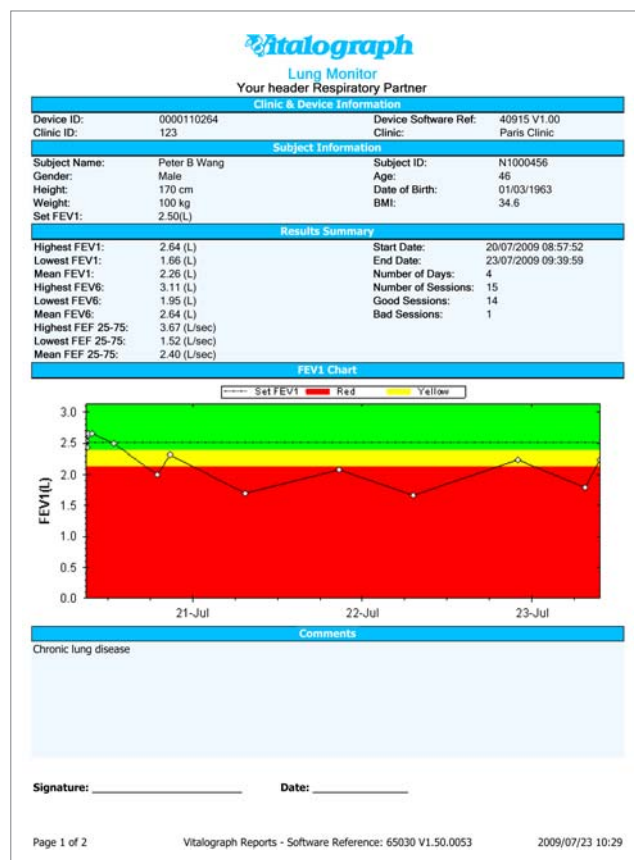
1. FEF = Forced Expiratory Flow between 25%-75% of FEV₆
2. FEV₆ is an accurate, reliable alternative to FVC in diagnosing airways obstruction
Swanney. MR Am J Respir Crit Care med Vol162, pp 917-919, 2000



lung monitor usb comes complete with:

Reports Software &
 PI document CDs
 USB cable
 Plastic mouthpiece

- Carry pouch
- Guide for the healthcare professional
- 2 AAA batteries



Technical Specification:

Product: Vitalograph lung monitor
Model Number: 4000
Parameters Displayed: FEV₁, FEV₆, FEV₁/FEV₆ ratio and FEF
Memory: FEV₁, FEV₆, FEV₁/FEV₆ ratio and FEF
Quality of Blow Indicator: Yes
Accuracy: better than +/-3%
Range: 0 - 9.99 L BTPS
Sensor: Stator rotor
Flow Impedance: Better than 0.15 kPa/L/s at 14 L/s
Power Supply: AAA batteries
Display: Custom liquid crystal display

Size: 113 x 63 x 48mm
Weight: 55g
Performance Standards: ISO 26782:2009; ISO 23747:2007; ATS/ERS Guidelines 2005
Operating Temperature: 17 - 37 °C
Management Zones: Factory set 3 zones Green/Yellow threshold 95% Yellow/Red threshold 90% Zones may be changed by the user and number of zones increased to 4
Safety Standards: IEC 60601-1:2005
Medical Safety Standard: Medical Devices Directive 93/42/EEC
Designed & Manufactured Under: ISO 13485:2003, FDA 21CFR820 & CMDR

Ordering Info:

Catalogue No.
40550 Vitalograph lung monitor
40700 Vitalograph lung monitor usb
40950 Vitalograph lung monitor serial
40750 Vitalograph lung monitor bt
40000 Vitalograph asma-1
40200 Vitalograph copd-6
40500 Vitalograph lung age
20242 SafeTway® mouthpieces (200)
20980 Mini SafeTway® mouthpieces (50)
28350 BVF (50)
20303 Disposable noseclips (200)
36020 3-L Precision syringe

4000 SERIES

	PEF	FEV ₁	FEV ₆	Ratio	Lung Age	Memory	Personal Best	GOLD	PDF Reports
asma-1	●	●	○	○	○	600	●	○	○
asma-1 (usb, s, bt)	●	●	○	○	○	600	●	○	●
copd-6™	○	●	●	●	●	○	○	●	○
copd-6 (usb, s, bt)	○	●	●	●	●	○	○	●	●
lung monitor	○	●	●	●	○	200	●	○	○
lung monitor (usb, s, bt)	○	●	●	●	○	200	●	○	●
lung age	○	●	○	○	●	○	○	○	○

● Available ○ Not available

usb - USB bt -  Bluetooth[®] s - Serial

Vitalograph[®]

Your respiratory partner

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