Vitalograph®
Your respiratory partner

the difference is clear

Vitalograph Lung Age

A motivational tool for smoking intervention by healthcare professionals

- Quick and simple to use
- Interprets lung age to help illustrate the impact of smoking on the subject's lungs
- Measures FEV_1 and displays FEV_1 as a % of predicted value
- Colour zones indicate abnormality level
- Automatically calculates the best FEV_1 from multiple blows
- Can be used with hygienic SafeTway* mouthpieces
- Easy to clean flowhead
- Language independent
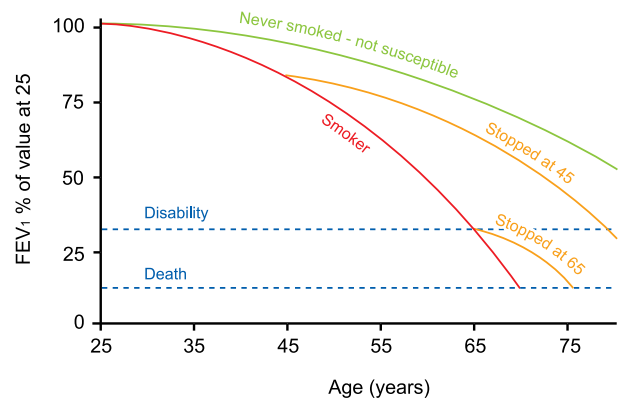- Can be custom branded

Smoking is attributed as the main cause of COPD (Chronic Obstructive Pulmonary Disease). COPD is often undiagnosed and untreated in its early stages, especially in smokers.

A key indicator of COPD is a reduced FEV_1 compared with predicted FEV_1 value.** Early identification of a reduction in FEV_1 can provide early warning of the damage already suffered by the lungs at the pre-symptomatic stage, when smoking cessation is most effective.

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.

www.vitalograph.co.uk

The Vitalograph Lung Age compares a subject's FEV$_1$ with predicted normal value to calculate the subject's 'lung age'. A high lung age in relation to the subject's chronological age can illustrate the likely negative impact of continued smoking on lung function and thereby encourage smoking cessation.

The Vitalograph Lung Age comes complete with:-

- Carry pouch
- Quick Start Guide
- AAA Batteries (2)

Fletcher C Peto R (1977). The natural history of chronic airflow obstruction. British Medical Journal. I 1645-1648

4000 RESPIRATORY MONITORS

Variant	PEF	FEV$_1$	FEV$_6$	FEF 25-75%	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   **s** - Serial   **bt** - Bluetooth

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Technical Specification:

Product: Respiratory Monitor

Model Number: 4000

Parameters Displayed: Lung Age, FEV$_1$ and % predicted

Lung Age Indicator: Yes

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: ATS/ERS 2005, ISO 26782:2009

Operating Temperature: 17 - 37ºC

Safety Standards: IEC 60601-1:2005

Medical Safety Standard: Medical Devices Directive 2007/47/EC

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

Ordering Info:

40500 4000 Respiratory Monitor Lung Age

20242 2024 SafeTway® mouthpieces (200)

20980 2024 SafeTway® mini mouthpieces (50)

20303 2030 Noseclips disposable (200)

CE 0086

* SafeTway mouthpieces supplied separately

**In instances of reduced FEV$_1$ full spirometry assessment is recommended.

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