

Data you can rely on.
People you can trust.



Supporting smoking cessation

Finding and maintaining the motivation to give up smoking can be difficult. The Vitalograph Lung Age and the BreathCO™ monitor are designed to support effective smoking cessation interventions by providing objective data on the impact of smoking on subject's lungs.

Vitalograph Lung Age

Reduced FEV₁ is a key indicator of COPD (Chronic Obstructive Pulmonary Disease), a disease most often caused by smoking. Early identification of a reduction in FEV₁ can provide early warning of the insidious damage already suffered by the lungs before the smoker notices dyspnea, when smoking cessation is most effective.

The Vitalograph Lung Age compares a subject's FEV₁ with predicted normal values 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 encourage smoking cessation.

- Quick and simple to use
- Interprets lung age to help illustrate the impact of smoking on the subject's lungs
- Zones indicate abnormality level
- Measures FEV₁ and displays FEV₁ as a % of predicted values
- Automatically calculates the best FEV₁ from multiple blows

Vitalograph BreathCO carbon monoxide monitor

The BreathCO provides powerful motivation to give up smoking by clearly illustrating the levels of carbon monoxide excreted from a smoker's lungs.

- The 'gold standard' CO monitor is used in many research studies
- Fast indicator of smoking status by measuring alveolar carbon monoxide
- CO levels in ppm shown on the large display, not COHb estimates
- Unique zero adjuster, highly stable calibration and long life sensor
- Inexpensive, hygienic disposable mouthpiece and replaceable sample 'T' valves



Technical Specification:

Product: Vitalograph Lung Age

Model Number: 4000

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 2005

Operating Temperature: 17 - 37°C

Safety Standards: IEC 60601-1:2005

Medical Safety Standard:

Medical Devices 93/42/EEC (as amended)

Designed & Manufactured Under:

ISO 13485:2003, EN ISO 13485:2012,

FDA 21CFR820

Ordering Info:

40500 4000 Lung Age Respiratory Monitor

20242 2024 SafeTway® Mouthpieces (200)

Technical Specification:

Product: Vitalograph BreathCO carbon monoxide monitor

Model Number: 2900

Size: 175x100x50mm

Weight: 0.3kg

Operating Temperature: 17 - 37°C

Display Resolution: Parts per million (ppm)

Display Range: 0 to 199 ppm

Power Supply: 9V dry alkaline battery

Digital Display: 3.5 digit LCD

Safety Standards: IEC 60601-1:2005

Medical Safety Standard:

Medical Devices 93/42/EEC (as amended)

Designed & Manufactured Under:

ISO 13485:2003, EN ISO 13485:2012,

FDA 21CFR820

Ordering Info:

29750 2900 BreathCO

20202 2020 Mini Mouthpieces (400)

29512 T-Valves (10)

Returning the BreathCO annually for recalibration and service is recommended.

Vitalograph is a world leading provider of outstanding quality cardio-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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