

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 FEV<sub>1</sub> is a key indicator of COPD (Chronic Obstructive Pulmonary Disease), a disease most often caused by smoking. Early identification of a reduction in FEV<sub>1</sub> 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 FEV<sub>1</sub> 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 FEV<sub>1</sub> and displays FEV<sub>1</sub> as a % of predicted values
- Automatically calculates the best FEV<sub>1</sub> 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.

# Vitalograph®

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