



Vitalograph copd-6 range

the difference is clear

Vitalograph copd-6 range

COPD screening monitors

 **Vitalograph**[®]
Your respiratory partner

Vitalograph copd-6

Case selection for spirometry and monitoring diagnosed COPD sufferers

- ❖ For the early detection of COPD - quickly, simply & accurately
- ❖ Identifies those at risk of COPD at the pre-symptomatic stage to allow early medical intervention and facilitate better clinical outcomes
- ❖ Screens out those whose FEV₁ is normal, and who therefore do not have COPD, without the risk of false COPD negatives
- ❖ Facilitates 'case selection' so that spirometry resources can be focused on those most likely to be diagnosed with COPD
- ❖ Monitors COPD patients using their 'number', the obstructive index – FEV₁ as a percent of predicted
- ❖ Displays FEV₁, FEV₆, ratio and % predicted, obstructive index, COPD classification and lung age
- ❖ Built-in quality of blow indicator on a large, easy to read display
- ❖ Easy to clean flowhead
- ❖ Can be used with hygienic SafeTway® mouthpieces or a BVF
- ❖ Displays the GOLD COPD classification (stage I – IV) to help recognise the need for a change in the patient's management plan
- ❖ Requires only minimal instruction for use by non-respiratory specialists



The copd-6™ comes complete with:

- ❖ 3 SafeTway mouthpieces
- ❖ Carry pouch
- ❖ Guide for the healthcare professional
- ❖ 2 AAA Batteries

The copd-6 is very easy to use, simply:

- ❖ Enter age, height and gender
- ❖ Blow for 6 seconds (device beeps after 6 seconds)
- ❖ Blow 3 times
- ❖ Press 'Enter' to view results
- ❖ Transmit report via usb on comms version

Vitalograph copd-6 usb

Compatible with Vitalograph Reports Software

- Single page record for screening or monitoring
- Various report options
- Optional subject ID and name fields (weight field optional)
- Ability to add comments to the report
- Age, height, gender, device ID, time/date fields automatically populated
- Predicted values, 3 test results, best test, % predicted and lung age automatically tabulated
- Obstructive index, COPD (GOLD) Classification indicator
- BMI calculated
- Blow quality indicator
- Interpretation of results
- Can automatically name the PDF file
- Ability to customise report headers
- 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 (kg): _____

Comments: _____

Unit Measure: ☒ Imperial & US ☐ Metric



The copd-6 usb comes complete with:

- Reports software & API documents CD
- USB cable
- 4 SafeTway mouthpieces and disposable noseclips
- Carry pouch
- Guide for the healthcare professional
- 2 AAA batteries

Vitalograph COPD Screening Report

This is a Customer Header for Company XYZ, Dept ABC

Subject Information	
Subject Name: John Doe	Subject ID: 564565
Gender: Male	Age: 37
Height: 175 cm	Regression Set: Temp: 22.9
Weight: 70 kg	BMI: 22.9

Test Information	
Device ID: 1234567890	Report Date: 09-Jul-2008 13:28
Device Firmware Ref: 04108	Device Software Ref: V1.06
Number of Blows: 10	Number of Good Blows: 5
Best FEV1 within: 0.04 L	Best FEV6 within: 0.2 L

Parameter	Normal Predicted	Test 1	Test 2	Test 3	Best Test	% Pred
FEV1 (L)	3.96	2.25	2.21	2.16	2.25	57
FEV6 (L)	4.78	2.48	2.38	2.16	2.48	52
FEV1/FEV6 (ratio)	0.82	0.90	0.96	0.99	1.00	110

Obstructive Index

Normal: $\geq 80\%$
 Mild: $< 80\%$
 Moderate: $< 50\%$
 Severe: $< 30\%$

FEV1 Measured/FEV1 Predicted

COPD (GOLD) Classification

Normal: FEV1/FEV6 ≥ 0.70
 Stage I: FEV1/FEV6 < 0.70 & FEV1 $\geq 80\%$ Pred.
 Stage II: FEV1/FEV6 < 0.70 & FEV1 $< 80\%$ Pred.
 Stage III: FEV1/FEV6 < 0.70 & FEV1 $< 50\%$ Pred.
 Stage IV: FEV1/FEV6 < 0.70 & FEV1 $< 30\%$ Pred.

Interpretation

Lung Age: 89 years
 Obstructive Index: 57%
 Interpretation: Normal, not COPD
 Possible Restriction

Test Report

Signature: _____ Date: _____

Vitalograph Reports - Software Reference: 65030 V1.20.0023

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Technical Specification:

Product: Respiratory Monitor

Model Number: 4000

Parameters Displayed: FEV₁/FEV₆/ratio and % predicted

Quality of Blow Indicator: Yes

Obstructive Index: Mild, Moderate, Severe (FEV₁% predicted)

COPD Classification: Normal (not COPD); Stage I, II, III & IV (FEV₁% predicted)

Lung Age 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 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, FDA 21CFR820

Ordering Info:

40200	4000 Respiratory Monitor copd-6
40450	4000 Respiratory Monitor copd-6 usb
40850	4000 Respiratory Monitor copd-6 s
40350	4000 Respiratory Monitor copd-6 bt
20242	2024 SafeTway® mouthpieces (200)
20980	2024 SafeTway® mini mouthpieces (50)
28350	2820 BVF™ Bacterial Viral Filters (50)
20303	2030 Noseclips disposable (200)
36020	2040 3-L Precision Syringe

4000 Respiratory Monitors

Variant	PEF	FEV ₁	FEV ₀₋₅	FEV ₀₋₇₅	FEV ₆	FEF _{25-75%}	Ratio	Lung Age	Memory	Personal Best	GOLD	PDF Reports
asma-1™	●	●	○	○	○	○	○	○	600	●	○	○
asma-1 child version	●	●	●	●	○	○	○	○	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



Your respiratory partner

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