



the difference is clear

Vitalograph copd-6 range

COPD screening monitors

Vitalograph[®]
Your respiratory partner

Vitalograph copd-6

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
- Displays the key parameters for clinical interpretation including obstructive index and COPD classification (stage I – IV)
- Displays FEV₁, FEV₆, ratio and % predicted, obstructive index, COPD classification and lung age
- Easy to clean flowhead
- Can be used with hygienic SafeTway® mouthpieces
- Requires only minimal instruction for use by non-respiratory specialists
- Built-in quality of blow indicator
- Large, easy to read display
- Language independent
- Meets ATS/ERS:2005 Spirometry Guidelines



The copd-6™ comes complete with:

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

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' for best results
- Transmit report via USB (USB version only)

Vitalograph copd-6 USB

For effective COPD screening with electronic/hard copy reports

The copd-6 USB links to your PC to produce electronic pdf and hard copy colour reports. These reports include:

- 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
- Automatically names the .pdf file using subject name and date
- Ability to customise report headers



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



The copd-6 USB comes complete with:

- Vitalograph Reports Software CD
- USB cable
- 4 SafeTway mouthpieces
- 4 disposable noseclips
- Carry pouch
- Guide for the healthcare professional
- AAA batteries (2)

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			
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			

Results						
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	2.28	2.16	2.48	52
FEV1/FEV6 (ratio)	0.82	0.90	0.96	0.99	1.00	110

Obstructive Index	COPD (GOLD) Classification
Normal ≥ 80%	Normal FEV1/FEV6 ≥ 0.70
Mild < 80%	Stage I FEV1/FEV6 < 0.70 & FEV1 ≥ 80 % Pred.
Moderate < 50%	Stage II FEV1/FEV6 < 0.70 & FEV1 < 80 % Pred.
Severe < 30%	Stage III FEV1/FEV6 < 0.70 & FEV1 < 50 % Pred.
	Stage IV FEV1/FEV6 < 0.70 & FEV1 < 30 % Pred.

FEV1 Measured/FEV1 Predicted

Interpretation

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

Fletcher C Peto R (1977). The natural history of chronic airflow obstruction. British Medical Journal. 1 1645-1648

Comments

Test Report

Signature: _____ Date: _____

Vitalograph Reports - Software Reference: 65030 V1.20.0023 Page 1 of 1

Technical Specification:

Product: Vitalograph copd-6
Vitalograph copd-6 USB with
Vitalograph Reports

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:
ATS/ERS Guidelines 2005

Operating Temperature: 17 - 37 °C

Safety Standards: EN ISO 60601-1:2005 -1 -2 -4

Medical Safety Standard: Medical Devices
Directive 93/42/EEC1993

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

Ordering Info:

Catalogue No.

40200 Vitalograph copd-6

40450 Vitalograph copd-6 USB

20242 SafeTway® mouthpieces (200)

20980 Mini SafeTway® mouthpieces (50)

20303 Disposable Noseclips (200)

4000 SERIES

	PEF	FEV ₁	FEV ₆	Ratio	Lung Age	Memory	Personal Best	GOLD	PDF Reports
asma-1™	●	●	○	○	○	600	●	○	○
asma-1 USB	●	●	○	○	○	600	●	○	●
copd-6	○	●	●	●	●	○	○	●	○
copd-6 USB	○	●	●	●	●	○	○	●	●
Lung Monitor	○	●	●	●	○	200	●	○	○
Lung Monitor USB	○	●	●	●	○	200	●	○	●
Lung Age	○	●	○	○	●	○	○	○	○

● Available ○ Not available

Vitalograph®

Your respiratory partner



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