

Vitalograph copd-6

For the early detection of COPD –
quickly, simply & accurately

- A Identifies those at risk of COPD at the pre-symptomatic stage to allow early medical intervention and facilitate better clinical outcomes
- A Screens out those whose FEV₁ is normal, and who therefore do not have COPD, without the risk of false COPD negatives
- A Facilitates 'case selection' so that spirometry resources can be focused on those most likely to be diagnosed with COPD
- A Displays the key parameters for clinical interpretation including obstructive index and COPD classification (stage I – IV)
- A Displays FEV₁, FEV₆, ratio and % predicted, obstructive index, COPD classification and lung age
- A Easy to clean flowhead
- A Can be used with hygienic SafeTway® mouthpieces
- A Requires only minimal instruction for use by non-respiratory specialists
- A Built-in quality of blow indicator
- A Large, easy to read display
- A Language independent
- A Meets ATS/ERS:2005 Spirometry Guidelines



The copd-6™ comes complete with:

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

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

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

Vitalograph copd-6 usb

For effective COPD screening with electronic/hard copy reports

The copd-6 usb links to your PC to produce PDF reports for archiving or printing. These reports include:

- A Subject ID and name fields (weight field optional)
- A Ability to add comments to the report
- A Age, height, gender, device ID, time/date fields automatically populated
- A Predicted values, 3 test results, best test, % predicted and lung age automatically tabulated
- A Obstructive index, COPD (GOLD) Classification indicator
- A BMI calculated
- A Blow quality indicator
- A Interpretation of results
- A Can automatically name the PDF file
- A Ability to customise report headers
- A Ability to add comments to the report



Additional Report Information

The following details are not stored on the copd6 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 (Bsi):

Comments:

Unit Measure
 Imperial & US
 Metric



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

Comments

Test Report

Signature: _____ Date: _____

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

The copd-6 usb comes complete with:

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

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 Directive 2007/47/EC

Designed & Manufactured Under:

ISO 13485:2003, FDA 21CFR820

Ordering Info:

Catalogue No.

40200	Vitalograph copd-6
40450	Vitalograph copd-6 usb
40850	Vitalograph copd-6 s
40350	Vitalograph copd-6 bt
40000	Vitalograph asma-1
40500	Vitalograph lung age
40550	Vitalograph lung monitor
20242	SafeTway® Mouthpieces (200)
28350	BVF™ Bacterial Viral Filters (50)
20980	Mini SafeTway® Mouthpieces (50)
20303	Disposable Noseclips (200)
36020	3-L Precision Syringe

4000 SERIES

	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 bt: bluetooth s: serial

Vitalograph®

Your respiratory partner

ECOMED

Serving The HealthCare Industry

t: 1800 675 432

f: 1800 675 433

e: enquiries@ecomед.com.au

w: www.ecomed.com.au