



A new standard for

CARBON MONOXIDE

breath testing

CO Check Pro



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MD Diagnostics Ltd is committed to providing exceptional tools to aid Smoking Cessation.

The CO Check Pro has been designed for the professional to carry out simple breath tests whilst providing comprehensive results.

The results are instantly displayed in PPM and %COHb coupled with an appropriate coloured visual effect to see if the person is a non-smoker, light smoker, smoker or heavy smoker.



Calibration and Accessories

In order to keep your monitors in perfect working condition they will require calibration once every 6 months. Calibration can easily and safely be carried out by the end user. Calibration cylinders are available in 2 sizes along with all other appropriate accessories.

Specifications

Gas Detected	Carbon Monoxide
Concentration Range	0-500 PPM
Detection Sensor Used	Electrochemical fuel cell
Sensitivity	1 PPM
Operation Temperature Range	0-40 degrees Celsius
Operation pressure	Atmospheric +/-10%
Hydrogen cross-sensitivity	<5%
Sensor Life	2 - 5 years, 6 month warranty
Sensor Drift	<2% per month
Display	Graphic LCD
Power Supply	Single 9v PP3 battery
Weight	Approximately 160g including battery
Dimensions	135mm x 60mm x 30mm
Indicator levels	Green 0 - 6 PPM Yellow 7 - 10 PPM Red 10 - 20 PPM Flashing red and audible alarm 20 PPM and over

Product

CO Check +	CO10
CO Check Pro	CO20
CO Check Baby	CO30
Disposable cardboard Mouthpieces (250/box)	MP250
Disposable cardboard Mouthpieces (500/box)	MP500
Calibration cylinder (20 litre)	C20
Calibration cylinder (110 litre)	C110
Control valve for 20L cylinder	CV20
Control valve for 110L cylinder	CV110
Intermediate plastic adapters (10/pack)	IP10

Catalogue Number

Preliminary Data Sheet

Bibliography

M J Jarvis et al. Expired air Carbon Monoxide: a simple breath test of tobacco smoke intake. British Medical Journal 16 August 1988 Nicholas J Wald, Marianne Idle, Julian Boreham, Alan Bailey. Carbon Monoxide in breath in relation to smoking and carboxyhaemoglobin levels. Thorax 1981, 36, 366-369.
Definition of a reliable threshold value for detecting current smokers by CO measurement. Marino Luigi, Latini Roberto, Barbano Gina, Bazzera Giorgio, De Luca Anita, Nardini Stefano - Respiratory and TB Unit-General Hospital-Via forlanini, Italy.



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