

A simple approach to

# **CARBON MONOXIDE**

breath testing

## **CO Check Pro**

- Live environmental CO capture
- Audio-visual indicators
- Customer configurable traffic lights



## **CO Check +**

- Low cost
- Largest display of any CO monitor available

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**MD Diagnostics Ltd** is a world leader in breath analysis and is committed to providing exceptional tools to aid Smoking Cessation.

The **CO Check Pro** has been designed to enable all healthcare professionals to carry out quick and simple breath tests that provide comprehensive results. A single breath from a person will instantly display results in PPM and %COHb. Both results are backed up with an appropriate colour light to show a non-smoker, light smoker, smoker and heavy smoker.

The **CO Check Pro** is capable of giving a real time display of Environmental CO levels prior to carrying out a breath test. When activated the Environmental mode is a live measurement, when moving from room to room measurements will fluctuate depending on what Carbon Monoxide levels are present at the time. Environmental results are instantly displayed in PPM.

The **CO Check Pro** comes complete with all accessories and is supplied in a hard shell carry case.

The **CO Check +** has been designed as a low cost simple screening test device. A single breath will instantly display CO levels in PPM and %COHb on a large easy to read custom display.

The **CO Check +** comes complete with all accessories and is supplied in a soft shell carry case for easy transport. The **CO Check +** is rapidly becoming the device of choice for all smoking cessation professionals.



**Specifications:**

<b>Gas Detected</b>	Carbon Monoxide
<b>Carbon Monoxide Concentration Range</b>	0-99 PPM
<b>Detection Sensor Used</b>	Electrochemical fuel cell
<b>Sensitivity</b>	0.1 PPM (0-10 PPM range); 1 PPM (10-99PPM range)
<b>Accuracy (repeatability)</b>	2ppm or +/-5% whichever is greater
<b>Operating Temperature</b>	5-35o Celsius
<b>Operating Pressure</b>	Atmospheric 10%
<b>Operating Humidity</b>	30% to 90% RH
<b>Operating Altitude</b>	Sea level to 6000 ft
<b>Storage Temperature</b>	-20 to + 70°C
<b>Storage Humidity</b>	10% to 90% RH
<b>Hydrogen cross-sensitivity</b>	<12% at 20° C
<b>Sensor Life</b>	2 - 5 years, 2 years' warranty
<b>Sensor Drift</b>	<2% per month
<b>Display</b>	128 X 64-pixel Graphic LCD
<b>Power Supply</b>	Single 9V PP3 battery
<b>Weight (approximate)</b>	160g including battery
<b>Dimensions</b>	135mm x 65mm x 30mm
<b>*Indicator levels (CO Check Pro)</b>	Green 0 - 6 PPM Yellow 7 - 10 PPM Red 11 - 20 PPM Flashing red 20+ PPM

Product	Catalogue Number
CO Check Pro	CO20
CO Check +	CO10

**Bibliography**

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