

carbon monoxide monitoring



Carbon Monoxide Monitors

Rapid assessment of Carbon Monoxide Poisoning and smokers in Pregnancy for all healthcare professionals



- Instant breath results in %COHb
- Instant breath results in PPM
- Instant breath results in %FCOHb (Foetal Carboxyhaemoglobin; the results of CO which she has passed onto her unborn baby)
- Rapid response time < 30 seconds

CO Check Pro Baby

- Exhaled breath tester
- Live environmental CO capture
- Audio-Visual indicators

CO Check + Baby

- Exhaled breath tester
- Low cost
- Large easy to read custom display
- For by smoking cessation professionals helping pregnant women quite smoking

Carbon Monoxide is a colourless and odourless gas, making its presence difficult to detect. CO Check Baby has been designed to enable all healthcare professionals the ability to carry out a simple breath test to establish carbon monoxide levels in a pregnancy women's blood.

When dealing with CO, time is critical. In the blood stream Carbon Monoxide has an affinity with haemoglobin some 200 times greater than Oxygen. When this happens, the blood is no longer able to carry oxygen, and this lack of oxygen causes the body's cells and tissue to die.

Symptoms of CO poisoning can include severe headaches, pulsating temples, weariness, dizziness, vomiting, weak respiration and possible death. CO Screen is supplied in a portable carry case with SafeBreath filtered mouthpieces.

SafeBreath mouthpieces allow measurements to be made simply and without the worry of potential cross infection as the filter prevents transmission of more than 99% of bacteria and viruses.

CO Screen

Carbon Monoxide Monitor

Gas Detected	Carbon Monoxide
Response Time	< 30 seconds
Concentration range	0 - 99 ppm
Detection Sensor Used	Electrochemical fuel cell
Sensor Sensitivity	1 ppm
Accuracy (repeatability)	± 2%
Operating Temperature	0 – 40°C
Storage Temperature	-20 - + 70°C
Storage Humidity	10% - 90% R.H.
Hydrogen Cross-Sensitivity	<12% at 20°C
Sensor Life	5 years, 2 years warranty
Sensor Drift	< 2% per month
Display	Graphic LCD (Custom LCD on CO Check + Baby)
Power Supply	9V PP3 battery
Weight	160g (inc. batteries)
Dimensions	135 mm x 65 mm x 60 mm
Indicator Levels (Pro Baby Only)	Green 0 - 6 ppm Yellow 7 - 10 ppm Red 11 - 20 ppm Flashing Red and Audible Alarm 21+ ppm
Calibration required	6 months
Warranty	Sensor - 2 years Monitor - 5 years

Part Numbers

CO Check Pro Baby Carbon Monoxide Detector

Complete with hard shell carry case, 6 sample SafeBreath mouthpieces, 9V PP3 battery, calibration stem connector and operator manual

5310021

CO Check + Baby Carbon Monoxide Detector

Complete with soft shell carry case, 4 sample SafeBreath mouthpieces, 9V PP3 battery, calibration stem connector and operator manual

5310020

SafeBreath Filtered Mouthpieces 22mm (Box of 200)

5350010

12 litre can 100 ppm CO balance air

5350020

Control valve for 12 litre can

5350021

Bacterial cleansing wipes (125 per tub)

5350030

Soft shell carry case

5320000

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