



MicroCO™ / SmokeCheck™

Carbon Monoxide monitors for the detection of cigarette consumption.

All the tools you need for smoking cessation... from CareFusion

At CareFusion we are proud of our innovations and dedication to providing healthcare professionals with the best tools for the job.

As someone who is involved in the field of smoking cessation, you are only too well aware of the dangers caused by smoking. What you need is a means of quickly and effectively monitoring your patient's breath Carbon Monoxide levels, and then convincingly persuading them of the risks they bring upon themselves by smoking.

Design Innovation

Ergonomically designed unit of distinctive appearance, the textured handgrip encourages easy and reassuring use. Both the MicroCO™ and SmokeCheck™ are small, lightweight and are moulded from high impact ABS for durability.

CareFusion can offer you two types of carbon monoxide monitor:

MicroCO™

The MicroCO™ provides accuracy and simplicity in CO breath testing. Some of its many features include, fast response time, 1ppm resolution, immediate display of CO levels in PPM and %COHB, colour light indicators, capable of interfacing with COBRA™, (a complimentary Windows® based software package for performing and storing real time breath tests on your PC).

SmokeCheck™

The SmokeCheck™ is designed as a simple screening test for cigarette consumption. Giving an instant indication of breath CO breath ranges (expressed in PPM), and backed up with colour light indicators.

Conversion of PPM results to %COHB is easily done using the SmokeCheck™'s smoking cessation guide chart provided.



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Complete with all accessories

Both MicroCO™ and SmokeCheck™ come complete with a hard shell carry case, sample cardboard mouthpieces, one-way plastic mouthpiece adaptor, calibration adaptor, calibration tool, 9V PP3 battery and operating manual.



Customer Benefits and Features of the MicroCO™

The MicroCO™ is a powerful diagnostic tool for measuring alveolar Carbon Monoxide concentrations (in PPM) and percentage Carboxy haemoglobin. Operating from a single 9V PP3 battery for approximately 2000 tests the MicroCO™ combines accuracy and simplicity making it the perfect choice for professionals worldwide.

Ease of Use

Measurements are easily obtained from a single expiration and are aided by an auto-zero function at turn on, combined with a breath hold countdown timer. The results are then instantly displayed on the large, easy to read liquid crystal display, and are visually represented by the appropriate colour light indicator.

Customer Features and Benefits of the SmokeCheck™

The SmokeCheck™ is a low cost breath CO monitor available today. Four ranges of CO levels are featured on the custom LCD.

0 to 6 ppm and green light will indicate a non-smoker 7 to 10 ppm and amber light will indicate a light smoker 11 to 20 ppm and red light will indicate a moderate smoker 20+ ppm and red flashing light with audible alarm will indicate a heavy smoker.



Calibration Gases

In order to keep your MicroCO™ and SmokeCheck™ in precision working order, and always have at your disposal reproducible results, the MicroCO™ and SmokeCheck™ will require a calibration check at six monthly intervals. Calibration can easily and safely be carried out by the end user with our Medican, 1 litre size calibration gas cylinder. Alternatively, a calibration service is available by returning your MicroCO™ /SmokeCheck™ to CareFusion or an authorised CareFusion agent.

MicroCO™

Display ranges	0–100ppm
Sensitivity	1ppm
Sensor life	2-5 years
Sensor drift	<2% per month
Display	31/2 digit custom LCD
Weight (Nett/packed)	160gm/1kg
Dimensions	170 x 60 x 26mm
Indicator levels	green - 0-6ppm; amber - 7-10ppm; red - >11+ppm poison audio alarm - >72ppm
PPM to %COHb	Conversion displayed on unit

SmokeCheck™

Display ranges	0–100ppm
Sensitivity	1ppm
Sensor life	2-5 years
Sensor drift	<2% per month
Display	31/2 digit custom LCD
Weight (Nett/packed)	130gm/950gm
Dimensions	170 x 60 x 26mm
Indicator levels	green - 0-6ppm; amber - 7-10ppm; red - >11+ppm poison audio alarm - >72ppm
PPM to %COHb	Conversion using CO Chart Supplied

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