A simple approach to **CARBON MONOXIDE** breath testing

**CO Check Pro Baby**
Live environmental CO capture
Audio-visual indicators

**CO Check + Baby**
Low cost
Largest display of any CO monitor available
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 Baby** 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 pregnant woman will instantly display her results in PPM and %COHb along with the results of CO she has passed on to her unborn baby. This result is displayed as %FCOHb or Foetal Carboxyhaemoglobin. All measurements are backed up with an appropriate traffic light for visual effect.

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

The **CO Check + Baby** comes complete with all accessories and is supplied in a soft shell carry case for easy transport.

The **CO Check + Baby** is rapidly becoming the device of choice for all smoking cessation professionals helping pregnant women quit smoking.

### Specifications:

- **Gas Detected**: Carbon Monoxide
- **Display**: Graphic LCD (Custom LCD on CO Check + Baby)
- **Concentration Range**: 0 - 99 ppm
- **Detection Sensor Used**: Electrochemical fuel cell
- **Sensitivity**: 1 ppm
- **Operation temperature range**: 0-40 degrees Celsius
- **Accuracy**: ±2%
- **Hydrogen cross-sensitivity**: <12%
- **Sensor operating life**: 5 years
- **Dimensions**: 135 x 60 x 30mm
- **Weight**: 160g including battery
- **Indicator Levels (Pro Baby Only)**: Green 0 – 6 ppm, Yellow 7 – 10 ppm, Red 11 – 20 ppm, Flashing red and audible for Alarm 21 ppm and over.

### Product

- **CO Check Pro Baby**
- **CO Check + Baby**

### Catalogue Number

- **CO30**
- **CO15**

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**Bibliography**

Conchita Gomez, Ivan Berlin, Pierre Marquis, Michel Delcroix. Expired air Carbon Monoxide concentration in mothers and their spouses above 5ppm is associated with decreased fetal growth. Preventative Medicine 2005


Definition of a reliable threshold value for detecting current smokers by CO measurement. Marino Luigi, Latin Roberto, Barbano Gina, Bazzera Giorgio, De Luca Anita, Nardini Stefano - Respiratory and TB Unit-General Hospital-Via forlanini, Italy.