piCO baby™ Smokerlyzer®

CO monitoring for maternity made easy.

Features and Benefits

No calibration required

5 year warranty



Connects via USB

Improved infection control



Easy to use touchscreen interface



FREE COdata+™ software



Familiar traffic light system

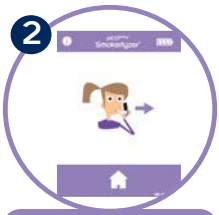


Automatc conversion to %FCOHb

As easy as...



Hold your breath



Exhale into the device



Instant readings for mum and baby

Ideal for in-depth stop smoking advice delivered by:

- Midwives
- Stop smoking services
- General practice
- Schools
- Pharmacies
- Health visitors



Technical Specification

Concentration range	0-150ppm
Display	Full colour touchscreen
Detection principle	Electrochemical sensor
Repeatability	≤±5%
Accuracy	≤±2ppm/5%*
Power	3 x AA (LR6 or equivalent) - up to 1000 minutes 1 x CR2032 Lithium coin cell
T_{90} response time	<30 seconds
Operating temperature	15-40°C
Storage/transport temperature	0-50°C
Operating/storage/transport pressure	Atmospheric ±10%
Operating humidity	15-90% RH (non-condensing)
Storage/transport humidity	0-95% RH (non-condensing)
Sensor operating life	5 years
Sensor sensitivity	1ppm
Sensor drift	<5% per annum
Dimensions	Approx. 37 x 77 x 140mm
Weight	Approx. 215g (including batteries)
Materials	Case: polycarbonate/ABS blend Anti-microbial additive D-piece™: polypropylene SteriBreath™ Eco: paper OneBreath™: polypropylene
H_2 cross interference	≤6%

*Whichever is greater

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