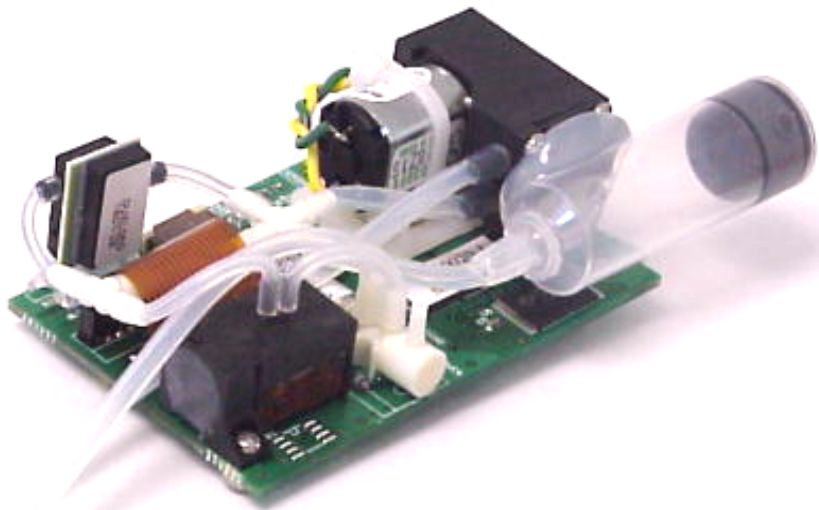


CO2WFA - OEM CAPNOGRAPHY MODULE

- ⇒ **Low Power Consumption, ideal for battery operation**
- ⇒ **Small Physical Size**
- ⇒ **Pressure and Temperature Compensated**
- ⇒ **Pre-Calibrated**
- ⇒ **Field Replaceable CO₂ Bench**
- ⇒ **Inexpensive**

Sensor Operating Principle:	InfraRed Spectroscopy
Energy Emitting Device:	Proprietary High Efficiency IR Source
Energy Detecting Device:	Frequency Stable Thermopile
CO ₂ Range:	0% to 13%
CO ₂ Accuracy:	± 2 mmHg @ < 5.0% CO ₂ (at ATPS) < 10% of reading @ > 5.0% CO ₂ (at ATPS)
Breath Rate:	2 - 150 bpm
Dimensions:	3.000"L x 1.875"W x 1.500"H (76mm x 48mm x 38mm)
Weight:	< 2.0 ounces (< 53 grams)
Operating Temperature Range:	5° C to 50° C
Shipping / Storage Temperature Range:	-40° C to 70° C
Automatic Offset Calibration:	Time and temperature based, as well as on-demand
Input Voltage:	5.00 Volts (± 5%)
Interface:	Highly configurable serial digital interface, CO ₂ and barometric waveform data, Breath Detect Algorithm data
Pneumatics:	On-board aspiration pump and flow controller Configurable aspiration flows 50 - 250 ml/min (± 10%) Functionality available for H ₂ O trap presence indicator
Power Consumption:	1750 mW (1250 mW typical with pump on)
Warm-up/Self-Test Time:	10 seconds
Response Time:	Detector: 28 mSec (typical) System: 100mSec (typical) (Dependent Upon Implementation, Pneumatics and Water Separation Technique)



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