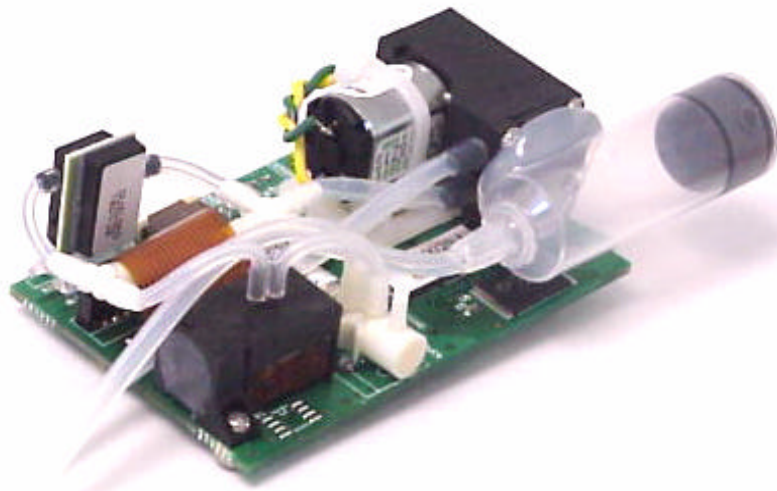


## CO2WFA - OEM CAPNOGRAPHY MODULE

- ⇒ **Low Power Consumption, ideal for battery operation**
- ⇒ **Small Physical Size**
- ⇒ **Pressure and Temperature Compensated**
- ⇒ **Pre-Calibrated**
- ⇒ **Field Replaceable CO<sub>2</sub> Bench**
- ⇒ **Inexpensive**

Sensor Operating Principle:	Infrared Spectroscopy
Energy Emitting Device:	Proprietary High Efficiency IR Source
Energy Detecting Device:	Frequency Stable Thermopile
CO <sub>2</sub> Range:	0% to 13%
CO <sub>2</sub> Accuracy:	± 2 mmHg @ 0 - 38 mmHg (at ATPS) ± 5% of actual @ 39 - 76 mmHg (at ATPS) ± 8% of actual @ 77 - 99 mmHg (at ATPS)
Breath Rate:	2 - 150 breaths per minute
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 <sub>2</sub> 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 <sub>2</sub> O trap presence indicator
Power Consumption:	1750 mW (1250 mW typical with pump on)
Warm-up/Self-Test Time:	10 seconds
Response Time:	28 mSec (typical)
Detector:	100mSec (typical)
System:	(Dependent Upon Implementation, Pneumatics and Water Separation Technique)



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