

AQ VOC NEW!



Portable Handheld VOC Monitor

Accurate VOC Monitoring & Real-Time Data-Logging for Air Quality Analysis in Industrial Safety, Environmental, Laboratories and other IAQ Applications

- Dynamic PID VOC Sensor Technology
 - 0 - 20,000 PPB
 - 0 - 200 PPM
- VOC in ppb/ $\mu\text{g}/\text{m}^3$ or ppm/mg/m³
- UPGRADEABLE:
(Add UP TO 2 More Gas Sensors)
- REAL-TIME Continuous Data-Logging
- Active Internal Sampling Pump
- Large Internal Memory (2000)
- PC Software & USB Included
- Long Lasting Rechargeable Battery
- Barometric Air Pressure
- Protective Magnetic Rubber Boot
- Optional Wireless Printer
- Optional Handheld Probe
- MADE IN USA 



VOC

% RH

Temp

Barometric Pressure

Formaldehyde

CO₂

O₂

CO

NO₂

H₂S

SO₂

NO

“Built with Quality in Mind”



Real-time Data-Logging Software for Graphs, Data Review, IAQ reports

Wireless Communications with Computer & Remote Printer

Light Weight, Durable, Handheld Design

 **CALRIGHT INSTRUMENTS**

The Right Source For Your Test & Measurement Needs

8715 Mesa Point Terrace San Diego, CA 92154
Toll Free: 1.866.363.6634 Tel: 1.619.429.4545 Fax: 1.619.374.7012
Email: sales@calright.com <http://www.calright.com>

AQ VOC



Specifications

Parameter	Sensor	Range	Res.	Accuracy
Low Range VOC OR High Range VOC	PID	0 - 20,000 ppb (0 - 46,000 µg/m ³)	1 ppb (1 µg/m ³)	±10 % of rdg. ± 20 ppb
Relative Humidity	TFC	5 - 95% RH	0.1% RH	± 2% RH
Ambient Temp.	Pt100	-40 - 257°F (-40 - 125°C)	0.1°C/F	± 0.4°C (0 - 60°C)
Barometric Pressure	Solid State	260 - 1260 mbar	1 mbar	± 2 mbar
Differential Pressure	Bridge	± 8.0 in H ₂ O (± 20 mbar)	0.1 in H ₂ O (0.25 mbar)	± 1% of rdg.
Air Velocity	Calculated	0 - 300 ft/sec	1 ft/sec	
Electromagnetic Compatibility		EN 61326-1, Portable Equipment		



VOC

AQ VOC ORDERING CODE

Part #: VOC- ___ - ___ - ___

Example: Part #: VOC - 1 - F - C2 = Low Range VOC, CH₂O, CO₂

ALL AQ VOC Kits Include:

- Temperature, % Relative Humidity
- Barometric Pressure
- PC Software & USB Cable
- REAL-TIME Continuous Data-Logging
- Bluetooth Connectivity
- Protective Carrying Case
- Continuous Active Internal Sampling Pump
- Operating Manual & Quick Reference Guide
- Long Lasting Battery & AC Charger
- Factory Calibration Certificate

Select Your VOC Range:

Parameter	Sensor	Range
V1 - Low Range VOC	PID	0 - 20,000 ppb (0 - 46,000 µg/m ³)
V2 - High Range VOC	PID	0 - 200 ppm (0 - 460 mg/m ³)

Optional Gas Sensor Upgrades (Choose UP To ANY 2)

C2 - Carbon Dioxide (CO ₂) ¹	NDIR	0 - 5,000 ppm	1 ppm	± 2% of rdg. ± 10 ppm
C - Carbon Monoxide (CO) ¹	EC ²	0 - 200 ppm	0.1 ppm	± 4% of rdg. ± 0.5 ppm
F - Formaldehyde (CH ₂ O) ^{3,4}	EC ²	0 - 10,000 ppb	1 ppb	± 5% of rdg. ± 50 ppb
H - Hydrogen Sulfide (H ₂ S) ¹	EC ²	0 - 100 ppm	1 ppm	± 4% of rdg. ± 0.5 ppm
N - Nitrogen Dioxide (NO ₂) ¹	EC ²	0 - 20 ppm	0.1 ppm	± 4% of rdg. ± 0.5 ppm
O - Oxygen (O ₂)	EC ²	0 - 25%	0.1%	± 0.1% vol rdg.
S - Sulfur Dioxide (SO ₂) ¹	EC ²	0 - 20 ppm	0.1 ppm	± 4% of rdg. ± 0.5 ppm
X - Nitric Oxide (NO) ^{1, 2}	EC ²	0 - 250 ppm	0.1 ppm	± 4% of rdg. ± 0.5 ppm

1. Other Ranges are Available Upon Request 2. Electrochemical 3. Accuracy Based on Laboratory Conditions
4. This sensor may have interference from H₂, CO, H₂S and other reducing gases such as alcohols

Optional Accessories



Wireless Bluetooth™
Printer
(EE900P)



Sampling Probe
(E85AACSF13)



Moisture Exchange
Tube for Calibration
(AQMET)



Zero Filter for
Calibration
(AQ CAL-ZF)



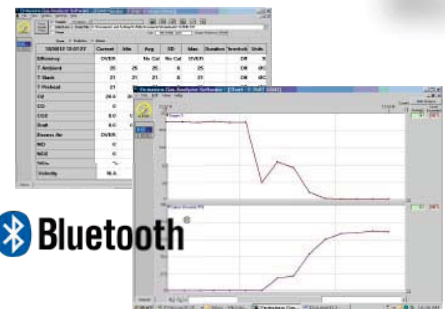
Pitot Tube
for Air Velocity
(BB610032)



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CO₂ NO₂ O₂ CO
% RH
SO₂ H₂S
CH₂O



AQ Gas® Real-Time
Datalogging Software

Distributed By:

