

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/m^3

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



E Instruments International

www.E-Inst.com

P: 215-750-1212 F: 215-750-1399 A: 402 Middletown Blvd, Ste 216 Langhorne, PA 19047

AQ VOC



Specifications

Parameter	Sensor	Range	Res.	Accuracy
Low Range VOC	PID	0 - 20,000 ppb (0 - 46,000 µg/m ³)	1 ppb (1 µg/m ³)	±10% of rdg. ± 20 ppb
OR				
High Range VOC	PID	0 - 200 ppm (0 - 460 mg/m ³)	1 ppm (1 mg/m ³)	±10% of rdg. ± 2 ppm
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 inH 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 (CO₂)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 (CH₂O)^{3,4}	EC ²	0 - 10,000 ppb	1 ppb	±5% of rdg. ± 50 ppb
H - Hydrogen Sulfide (H₂S)¹	EC ₂	0 - 100 ppm	1 ppm	±4% of rdg. ± 0.5 ppm
N - Nitrogen Dioxide (NO₂)¹	EC ²	0 - 20 ppm	0.1 ppm	±4% of rdg. ± 0.5 ppm
O - Oxygen (O₂)	EC ²	0 - 25%	0.1%	±0.1% vol rdg.
S - Sulfur Dioxide (SO₂)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)



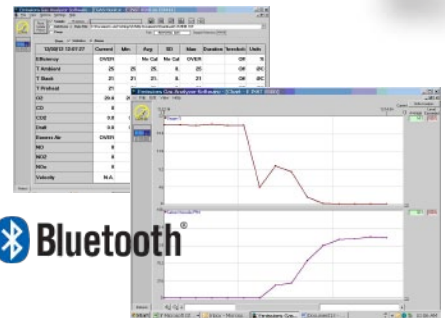
Moisture Exchange
Tube for Calibration
(AQMET)



Zero Filter for
Calibration
(AQ CAL-ZF)

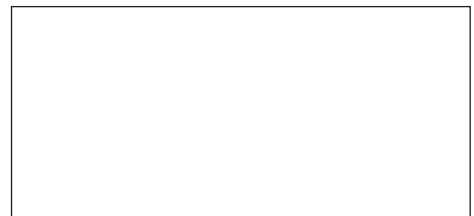


Pitot Tube
for Air Velocity
(BB610032)



AQ Gas[®] Real-Time
Datalogging Software

Distributed By:



E Instruments International

www.E-Inst.com

P: 215-750-1212 F: 215-750-1399 A: 402 Middletown Blvd, Ste 216 Langhorne, PA 19047