AQ VOC NEW!

E INSTRUMENTS

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/ppm or µg/m³/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
- Li-Ion Rechargeable Battery
- Barometric Air Pressure
- Protective Magnetic Rubber Boot
- Optional Wireless Printer
- Optional Handheld Probe
- MADE IN USA

Bluetooth®

- VOC
- % RH
- Temp
- Barometric Pressure
- Formaldehyde
- CO_2
- O_2
- CO
- NO_2
- H_2S
- SO_2
- NO

"Built with Quality in Mind"

Accuracy • Emissions • Indoor Air Quality • Efficiency

- Real-time Data Logging 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 ppm (0 - 46 µg/m³)	1 ppb (2.3 µg/m³)	10 % rdg. ± 20 ppb
OR				
High Range VOC	PID	0 - 200 ppm (0 - 460 mg/m³)	1 ppm (2.3 mg/m³)	10 % rdg. ± 50 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_2O (±20 mbar)	0.1 inH_2O (0.25 mbar)	±1% rdg.
Air Velocity	Calculated	0 - 300 ft/sec	1 ft/sec	
Electomagnetic Compatibility		EN 61326-1, Portable Equipment		

VOC

CO

O_2

NO_2

% RH

CO_2

SO_2

H_2S

CH_2O

AQ VOC ORDERING CODE

Part #: VOC- ___ - ___ - ___

Example: Part #: VOC - 1 - F - C2 = Low Range VOC, CH_2O, CO_2

ALL AQ VOC Kits Include:

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

Select Your VOC Range:

Parameter	Sensor	Range
V1 - Low Range VOC	PID	0 - 20 ppm (0 - 46 µg/m³)
V2 - High Range VOC	PID	0 - 200 ppm (0 - 460 mg/m³)

Optional Gas Sensor Upgrades (Choose UP To ANY 2)

C2 - Carbon Dioxide (CO_2)[1]	NDIR	0 - 5,000 ppm	1 ppm	± 2% rdg. ± 10 ppm
C - Carbon Monoxide (CO)[1]	EC[2]	0 - 200 ppm	0.1 ppm	± 1 ppm rdg. ± 0.2 ppm
F - Formaldehyde (CH_2O)[3,4]	EC[2]	0 - 10 ppm	1 ppb	2% ± 30 ppb
H - Hydrogen Sulfide (H_2S)[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	± 0.5 ppm of rdg.
O - Oxygen (O_2)	EC[2]	0 - 25%	0.1%	± 0.1% vol
S - Sulfur Dioxide (SO_2)[1]	EC[2]	0 - 20 ppm	0.1 ppm	± 0.5 ppm of rdg.
X - Nitric Oxide (NO)[1]	EC[2]	0 - 250 ppm	0.1 ppm	± 2 ppm of rdg.

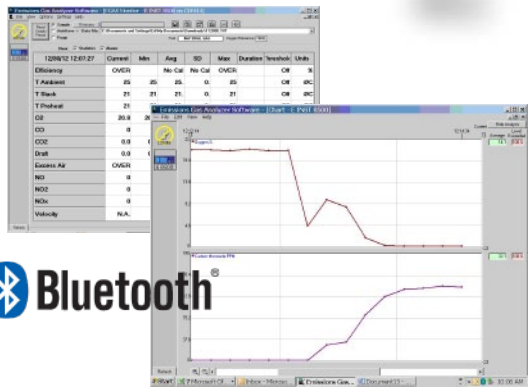
1. Other Ranges are Available Upon Request
2. Electrochemical
3. Accuracy Based on Laboratory Conditions
4. This sensor may have interference from H_2, CO, H_2S and other reducing gases such as alcohols

Optional Accessories

Wireless Bluetooth™ Printer (EE900P)

Sampling Probe (E85AACSF13)

Pitot Tube for Air Velocity (BB610032)



Bluetooth®

AQ Gas® Real-Time Datalogging Software

Distributed By:

CE

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