



AQ VOC

Handheld TVOCs Monitor for Air Quality Analysis in Industrial Safety, Environmental, Laboratories and More

Accurate / Reliable / Robust / Fast

- Dynamic PID TVOC Sensor: 0 - 20,000 PPB or 0 - 200 PPM
- Temp., %RH, & Barometric Pressure Included
- Real-Time Data Logging
- Active Internal Sampling Pump
- Large Internal Memory (2000)
- Protective Magnetic Rubber Boot
- Optional Wireless Printer
- Optional Handheld Probe



Select Up to 3 Gases in Total:
TVOCs, CO₂, CO, Formaldehyde,
NO₂, NO, O₂, SO₂, H₂S



Long Lasting Rechargeable
Battery & AC Charger



Light Weight & Durable



PC Software & USB Cable

Parameter	Sensor	Range	Resolution	Accuracy
Low Range VOC	PID	0 - 20,000 ppb 0 - 46,000 µg/m ³	1 ppb 1 µg/m ³	±10 % rdg ±20 ppb
OR High Range VOC		0 - 200 ppm 0 - 460 mg/m ³	1 ppm 1 mg/m ³	±10 % rdg ±2 ppm
Relative Humidity	TFC	5 - 95 %	0.1 %	±2 % RH
Ambient Temperature	Pt100	-40 to 257 °F -40 to 125 °C	0.1 °F 0.1 °C	±0.4 °F (32 - 140 °F) ±0.4 °C (0 - 60 °C)
Barometric Pressure	Solid state	260 1260 mbar	1 mbar	±2 mbar
Differential Pressure	Bridge	±8.0 inH ₂ O ±20.0 mbar	0.1 inH ₂ O 0.25 mbar	±1 % rdg
Air Velocity	Calculated	0 - 300 ft/sec	1 ft/sec	-
Electromagnetic Compatibility	EN 61326-1, Portable Equipment			

All AQ VOC Kits Include:

- Temperature, %RH, Wet Bulb, Dew Point
- Barometric Pressure
- PC Software & USB Cable
- Real-Time Continuous Data Logging
- Bluetooth Connectivity
- Protective Carrying Case
- Continuous Active Internal Sampling Pump
- Long Lasting Battery & AC Charger
- Factory Calibration Certificate
- Operating Manual & Quick Reference Guide

Optional Accessories



Sampling Probe
(E85AACSF13)



Zero Filter for Calibration
(AQ CAL-ZF)



Wireless Bluetooth Printer
(EE900P)



Moisture Exchange Tube
for Calibration
(AQMET)

AQ VOC Ordering Code

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

	Parameter	Sensor	Range	Res.	Accuracy
Select Your VOC 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 % rdg ±10 ppm
	C - Carbon Monoxide (CO) ¹	EC ²	0 - 200	0.1 ppm	±4 % rdg ±0.5 ppm
	F - Formaldehyde (CH ₂ O) ^{3,4}	EC ²	0 - 10,000 ppb	1 ppb	±5 % rdg ±50 ppb
	H - Hydrogen Sulfide (H ₂ S) ¹	EC ²	0 - 100 ppm	1 ppm	±4 % rdg ±0.5 ppm
	N - Nitrogen Dioxide (NO ₂) ¹	EC ²	0 - 20 ppm	0.1 ppm	±4 % 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 % rdg ±0.5 ppm
	X - Nitric Oxide (NO) ¹	EC ²	0 - 250 ppm	0.1 ppm	±4 % 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

