



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 | | | |

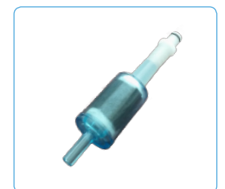
All AQ VOC Kits Include:

- 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



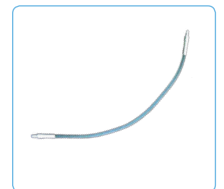
Sampling Probe
(E85AACSF13)



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

