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 |
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Low Range VOC OR</td>
<td>PID</td>
<td>0 - 20,000 ppb 0 - 46,000 µg/m³</td>
<td>1 ppb 1 µg/m³</td>
<td>±10 % rdg ±20 ppb</td>
</tr>
<tr>
<td>High Range VOC</td>
<td>PID</td>
<td>0 - 200 ppm 0 - 460 mg/m³</td>
<td>1 ppm 1 mg/m³</td>
<td>±10 % rdg ±2 ppm</td>
</tr>
<tr>
<td>Relative Humidity</td>
<td>TFC</td>
<td>5 - 95 %</td>
<td>0.1 %</td>
<td>±2 % RH</td>
</tr>
<tr>
<td>Ambient Temperature</td>
<td>Pt100</td>
<td>-40 to 257 °F -40 to 125 °C</td>
<td>0.1 °F 0.1 °C</td>
<td>±0.4 °F (32 - 140 °F) ±0.4 °C (0 - 60 °C)</td>
</tr>
<tr>
<td>Barometric Pressure</td>
<td>Solid state</td>
<td>260 1260 mbar</td>
<td>1 mbar</td>
<td>±2 mbar</td>
</tr>
<tr>
<td>Differential Pressure</td>
<td>Bridge</td>
<td>±8.0 inH₂O ±20.0 mbar</td>
<td>0.1 inH₂O 0.25 mbar</td>
<td>±1 % rdg</td>
</tr>
<tr>
<td>Air Velocity</td>
<td>Calculated</td>
<td>0 - 300 ft/sec</td>
<td>1 ft/sec</td>
<td>-</td>
</tr>
</tbody>
</table>

### Electromagnetic Compatibility

EN 61326-1, Portable Equipment

### AQ VOC Ordering Code

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

<table>
<thead>
<tr>
<th>Parameter</th>
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<th>Range</th>
<th>Res.</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1 - Low Range VOC</td>
<td>PID</td>
<td>0 - 20,000 ppb 0 - 46,000 µg/m³</td>
<td>1 ppb 1 µg/m³</td>
<td>±2 % rdg ±10 ppm</td>
</tr>
<tr>
<td>V2 - High Range VOC</td>
<td>PID</td>
<td>0 - 200 ppm 0 - 460 mg/m³</td>
<td>1 ppm 1 mg/m³</td>
<td>±5 % rdg ±50 ppb</td>
</tr>
</tbody>
</table>

### Optional Accessories

- **Sampling Probe**
- **Zero Filter for Calibration**
- **Wireless Bluetooth Printer**
- **Moisture Exchange Tube**

### 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

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### Optional Gas Sensor Upgrades

(Choose Up to Any 2)

- **C2 - Carbon Dioxide (CO₂)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 (CH₂O)³,₄**
  - EC ² | 0 - 10,000 ppb | 1 ppb | ±5 % rdg ±50 ppb |
- **H - Hydrogen Sulfide (H₂S)¹**
  - EC ² | 0 - 100 ppm | 1 ppm | ±4 % rdg ±0.5 ppm |
- **N - Nitrogen Dioxide (NO₂)¹**
  - EC ² | 0 - 20 ppm | 0.1 ppm | ±4 % 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 % rdg ±0.5 ppm |
- **X - Nitric Oxide (NO)¹**
  - EC ² | 0 - 250 ppm | 0.1 ppm | ±4 % rdg ±0.5 ppm |

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<th>Range</th>
<th>Res.</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other ranges are available upon request</td>
<td>Electrochemical</td>
<td>Accuracy based on laboratory conditions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>This sensor may have interference from H₂, CO, H₂S and other reducing gases such as alcohols</td>
<td></td>
<td></td>
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