E9000 Portable Emissions Analyzer For Boiler, Engine, Furnace, Kiln, & Other Combustion Applications

Accurate / Reliable / Robust / Fast

- Up to NINE (9) Gas Sensors
- NDIR Sensors Available
- True NOx & Low NOx Measurements
- Built-In Thermoelectric Chiller
- Automatic Condensate Drain
- Full Color Graphic Display
- Upgraded Memory (16,000 Tests)

O₂, CO, CO₂, NO, NO₂, SO₂, CxHy (HC), H₂S

Heated Probe & Sample Head

Built-In Printer Non-Fading Paper

PC Software with Bluetooth®

US EPA CTM-30 & CTM-034 Compliant

iOS and Android Mobile Applications

E Instruments International
www.e-inst.com

P: 1+215-750-1212 - F: 1+215-750-1399
402 Middletown Blvd, Ste 216 Langhorne, PA, USA, 19047
**Electrochemical**
- **O<sub>2</sub>**
  - Sensor: Electrochemical
  - Range: 0 - 25 %
  - Resolution: 0.1 %
  - Accuracy: ±0.2 % vol
- **CO<sub>2</sub>**
  - Sensor: Electrochemical
  - Range: 0 - 50 %
  - Resolution: 0.1 %
  - Accuracy: ±3 % rdg
- **CO**
  - Sensor: NDIR
  - Range: 0 - 15.00%
  - Resolution: 0.1 %
  - Accuracy: ±3 % rdg
- **CO<sub>2</sub>**
  - Sensor: Electrochemical
  - Range: 0 - 100.0 ppm
  - Resolution: 1 ppm
  - Accuracy: ±5 ppm <100 ppm
- **NO**
  - Sensor: Electrochemical
  - Range: 0 - 5000 ppm
  - Resolution: 1 ppm
  - Accuracy: ±5 ppm <100 ppm
- **NO<sub>2</sub>**
  - Sensor: Electrochemical
  - Range: 0 - 1000 ppm
  - Resolution: 1 ppm
  - Accuracy: ±5 ppm <100 ppm
- **Low NO and/or NO<sub>2</sub>**
  - Sensor: Electrochemical
  - Range: 0 - 100.0 ppm
  - Resolution: 0.1 ppm
  - Accuracy: ±1.5 ppm <40 ppm
- **NOx**
  - Sensor: Calculated
  - Range: 0 - 5000 ppm
  - Resolution: 1 ppm
  - Accuracy: ±5 ppm <100 ppm

**NDIR (non-dispersive infrared) Sensors**
- **IR**
  - Sensor: CO, Sensor (0 - 50 %), CxHy Sensors (0 - 5 %), and High CO Sensor (0 - 15 %)

**Sampling Probes and Hoses**
- **12**
  - 12" (300 mm) Probe, 1470 °F (800 °C) max, with 10’ (3 m) Dual Hose
- **30**
  - 30" (750 mm) Probe, 1470 °F (800 °C) max, with 10’ (3 m) Dual Hose
- **40**
  - 40" (1 m) Probe, 2190 °F (1200 °C) max, with 10’ (3 m) Hose for High Temperature Combustion Applications
- **60**
  - 60" (1.5 m) Probe, 2190 °F (1200 °C) max, with 10’ (3 m) Hose for High Temperature Combustion Applications
- **12H**
  - 12" (300 mm) Probe, 1470 °F (800 °C) max, with 10’ (3 m) Heated Sample Hose & Probe Head
- **40H**
  - 40" (1 m) Probe, 2190 °F (1200 °C) max, with 10’ (3 m) Heated Sample Hose & Probe Head

**SINT1**
- Sintered Filter with Half Shield for Probe Tip

---

**All E9000 Kits Include:**
- Thermoelectric Chiller with Automatic Condensate Drain
- Built-In Printer
- New iOS & Android App (Remote Display & QR Scanning)
- CO, % Calculation
- Combustion Efficiency, Losses, & Excess Air Calculations
- Draft & Differential Pressure
- Temperature Measurements

**Standard Configuration**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>E9000-OCN-0-12</td>
<td>Standard E9000 Configuration with O&lt;sub&gt;2&lt;/sub&gt;, CO, NO Gas Sensors, Upgradeable to 9 Gas Sensors Total</td>
</tr>
</tbody>
</table>

---

**Ordering Information**

<table>
<thead>
<tr>
<th>Part #</th>
<th>Table A</th>
<th>Table B</th>
<th>Table C</th>
</tr>
</thead>
<tbody>
<tr>
<td>9000</td>
<td>Table A</td>
<td>Table B</td>
<td>Table C</td>
</tr>
</tbody>
</table>

---

**Model #**

<table>
<thead>
<tr>
<th>Ordering Information</th>
<th>Part #</th>
<th>Table A</th>
<th>Table B</th>
<th>Table C</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9000</td>
<td>Table A</td>
<td>Table B</td>
<td>Table C</td>
</tr>
</tbody>
</table>

---

**Contact Information**

E Instruments International
www.e-inst.com
P: 1+215-750-1212 - F: 1+215-750-1399
402 Middletown Blvd, Ste 216 Langhorne, PA, USA, 19047