F5000-5GAS

Automotive & Forklift Exhaust Gas Analyzer
For Propane, Diesel, LPG, CNG, & Gasoline Engines

- CO ✓ CO₂ ✓
- O₂ ✓ NOx ✓
- HC ✓ AFR ✓
- Lambda (λ) ✓

High Accuracy NDIR Sensors: CO, CO₂, HC
Sampling Probe with S-Type Exhaust Fitting
Real-Time Data Logging Software
Flexible Exhaust Probe Tip
Wireless Bluetooth™ Printer

Applications:
- Vehicle Diagnostics
- Pre-Compliance Verification
- Engine Tuning & Maintenance

MADE IN USA

E Instruments International www.E-Inst.com
P: 215-750-1212 A: 402 Middletown Blvd, Ste 216 Langhorne, PA 19047
F5000-5GAS

S-Type Probe Fitting & Exhaust Clamp

Light Weight, Portable, & Durable
Rechargeable, Long Life Battery
Printed & Digital Emissions Reports

Technical Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Sensor</th>
<th>Range</th>
<th>Resolution</th>
<th>Accuracy</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO₂</td>
<td>NDIR</td>
<td>0-20 %</td>
<td>0.1 %</td>
<td>0.1% ±3% rdg.</td>
</tr>
<tr>
<td>CO</td>
<td>NDIR</td>
<td>0-15 %</td>
<td>0.01 %</td>
<td>0.02% ±3% rdg.</td>
</tr>
<tr>
<td>HC</td>
<td>NDIR</td>
<td>0 - 10,000 ppm</td>
<td>1 ppm</td>
<td>±8 ppm (0-300 ppm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>±3% rdg. (301-4,000 ppm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>±5% rdg. (4,001-10,000 ppm)</td>
</tr>
<tr>
<td>O₂</td>
<td>Electrochemical</td>
<td>0 - 25%</td>
<td>0.1%</td>
<td>±0.1% vol</td>
</tr>
<tr>
<td>NO/NOx</td>
<td>Electrochemical</td>
<td>0 - 5,000 ppm</td>
<td>1 ppm</td>
<td>&lt;125 ppm=±5 ppm up to 5,000 ppm=±4%</td>
</tr>
</tbody>
</table>

Applications

- Vehicles
- Forklifts
- Trucks
- Buses

F5000-5GAS Includes:
- CO₂ Sensor
- CO Sensor
- HC Sensor
- O₂ Sensor
- NO/NOx Sensor
- Internal Memory (2000 Tests)
- Bluetooth Connectivity
- Rechargeable Battery & Charger
- 12’/300mm Sampling Probe & 10'/3m Sampling Hose
- S-Type Exhaust Fitting w/ Clamp
- Sample Conditioning Unit (SCU) For Condensation Removal
- PC Software & USB Cable
- Operating Manual
- Calibration Certificate
- Option for Wireless Bluetooth™ Printer
- Option for Flexible Probe Attachment
- Option for Protective Carrying Case

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