

# F5000-5GAS



Built with Quality in Mind

## Automotive & Forklift Exhaust Gas Analyzer

For Propane, Diesel, LPG, CNG, & Gasoline Engines



- ✓ CO
- ✓ CO<sub>2</sub>
- ✓ O<sub>2</sub>
- ✓ NO<sub>x</sub>
- ✓ HC
- ✓ AFR
- ✓ Lambda ( $\lambda$ )

• High Accuracy NDIR Sensors: CO, CO<sub>2</sub>, HC

• Sampling Probe with S-Type Exhaust Fitting

• Real-Time Data Logging Software

• Flexible Exhaust Probe Tip

• Wireless Bluetooth™ Printer

**MADE IN USA**



### Applications:

• Vehicle Diagnostics

• Pre-Compliance Verification

• Engine Tuning & Maintenance

E Instruments International

[www.E-Inst.com](http://www.E-Inst.com)

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Swivel Handle For Easy Operation & Transport

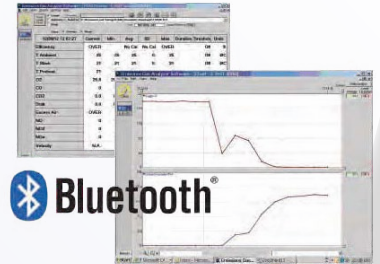


S-Type Probe Fitting & Exhaust Clamp



Flexible Probe Tip

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



Bluetooth

PC Software with Real-Time Automatic Data Logging

## Technical Specifications

Parameter	Sensor	Range	Resolution	Accuracy
CO <sub>2</sub>	NDIR	0-20 %	0.1 %	0.1% ±3% rdg.
CO	NDIR	0-15 %	0.01 %	0.02% ±3% rdg.
HC	NDIR	0 - 10,000 ppm	1 ppm	±8 ppm (0-300 ppm) ±3% rdg. (301-4,000 ppm) ±5% rdg. (4,001-10,000 ppm)
O <sub>2</sub>	Electrochemical	0 - 25%	0.1%	±0.1% vol
NO/NO <sub>x</sub>	Electrochemical	0 - 5,000 ppm	1 ppm	<125 ppm=±5 ppm up to 5,000 ppm=±4%



Optional Wireless Bluetooth™ Printer

### F5000-5GAS Includes:

- CO<sub>2</sub> Sensor
- CO Sensor
- HC Sensor
- O<sub>2</sub> Sensor
- NO/NO<sub>x</sub> 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

## Applications

- Vehicles
- Forklifts
- Trucks
- Buses



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