

# E1500



Built with Quality in Mind

Providing the Latest in Combustion Gas & Emissions Analyzers for  
Boiler, Engine, Furnace, and Other Combustion Applications

## Industrial Combustion Gas Analyzer

Accurate

Reliable

Robust

Fast

CO<sub>2</sub>

CO

O<sub>2</sub>

NEW!

- Combustion Efficiency
- CO Sensor w/ NOx Filter
- Draft & Differential Pressure
- 2 Channel Thermometer
- Internal Memory (2000 Tests)
- Zoom Feature
- Pre-Calibrated, Field Replaceable Gas Sensors



Bluetooth®

PC Software with Automatic Data Saving

Full COLOR Graphic Display

BUILT-IN Printer



# E1500 Features



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## BUILT-IN Printer

Pre-Calibrated  
Field Replaceable  
Sensors

Full COLOR  
Graphic Display

Simple Menu  
Interface

Magnetic  
Rubber Holster



Unbreakable Metal  
Connections

PC Software Package  
with Bluetooth & USB

# NEW!

## Probes & Hoses

**Standard:** 12", 300mm Probe,  
1470°F/800°C max with  
10'/3m Dual Hose

**Long:** 30", 750mm Probe,  
1470°F/800°C max with  
10'/3m Dual Hose

**Long & High Temp:** 40", 1m Probe,  
2190°F/1200°C max, with  
10'/3m Dual Hose

**Hose Extensions:** 10'/3m Length  
Available



Parameter	Sensor	Range	Resolution	Accuracy
O <sub>2</sub>	Electrochemical	0 - 25 %	0.1 %	±0.2 % vol
CO H <sub>2</sub> Compensated w/ Built-In NO <sub>x</sub> Filter	Electrochemical	0 - 8000 ppm	1 ppm	±10 ppm <400 ppm ±5 % rdg up to 2000 ppm ±10 % rdg for >2000 ppm
CO <sub>2</sub>	Calculated	0 - 99.9%	0.1 %	
Tair	Pt100	-10 to 212 °F	0.1 °F	±1 °F
Tgas	Tc K	-10 to 1830 °F	0.1 °F	±2 °F
Differential Temp.	Calculated	-10 to 1830 °F	0.1 °F	
Pressure/Draft	Semiconductor	±0 - 80 inH <sub>2</sub> O	0.001 in H <sub>2</sub> O	±1 % (-4.014 - 0.806 inH <sub>2</sub> O) ±0.008 (-0.802 - 0.802 inH <sub>2</sub> O) ±1 % (0.806 - 0.292 inH <sub>2</sub> O)
Excess Air	Calculated	0 - 850%	1 %	
Efficiency	Calculated	0 - 100%	0.1 %	

## All E1500 Include:

- Built-In Printer
- Draft & Differential Pressure
- Temperature Measurements
- Calculation for CO<sub>2</sub>, Efficiency & Excess Air
- Li-Ion Rechargeable Batteries & AC Charger
- Gas Sampling Probe & Hoses
- Water Trap with Filter Cartridge
- Magnetic Rubber Holster
- 2000 Test Internal Memory
- PC Software & USB Cable
- Bluetooth Module (Internal)
- Operating Manual
- Calibration Certificate
- Vinyl Carrying Case

## Ordering Information

Model No.	Description
<b>E1500-1</b>	<b>E1500</b> Unit (O <sub>2</sub> & CO Gas Sensors, CO <sub>2</sub> Calculated, Efficiency, Excess Air, Draft, Pressure, Temperature, Rechargeable Battery & AC Plug, Gas Sample Probe with Hose, Vinyl Carrying Case, Calibration Certificate, Water Trap, 2000 Test Memory, Built-In Printer, & PC Software Package

For pricing information and queries contact:



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