



E1500-NP

Residential & Commercial Combustion Analyzer The Latest in Combustion Analysis Technology

Accurate / Reliable / Robust / Fast

- Draft & Differential Pressure
- Flue and Ambient Temp
- Ambient CO Monitor
- Built-In Manometer
- Combustion Efficiency
- Unbreakable Metal Connections
- PC Software w/ Auto Saving
- Real-time data reading on Smartphone



O₂ & CO sensors
(calculated CO₂)



Field Replaceable Sensors



Auto-Zero in the Flue



Automatic, True High-Efficiency
Calculations for All Condensing
Systems



Full Color Graphic Display



iOS and Android Mobile Applications



E1500-NP Features

- 1 Simple Menu Interface with Full Color Graphic Display
- 2 Magnetic Rubber Holster
- 3 Unbreakable Metal Connections

Pre-Calibrated Field Replaceable Sensors

Automatic Outdoor Air Temp. & High-Efficiency Calculations (Condensing Systems)

PC Software, Bluetooth® & App Included

Parameter	Sensor	Range	Resolution	Accuracy
O ₂	Electrochemical	0 - 25%	0.1%	±0.2% vol
CO-H ₂ compensated w/ built-in NOx filter	Electrochemical	0 - 8000 ppm	1 ppm	±10 ppm <200 ppm ±5 % rdg up to 2000 ppm ±10 % rdg >2000 ppm
CO ₂	Calculated	0 - 99.9%	0.1%	-
Tair	Tc K	-20 to 1250°C	0.1°C	±0.5 °C from 0 to 100 °C ±0.5% rdg from 101 to 1250 °C
Tas	Tc K	-20 to 1250°C	0.1°C	±0.5 °C from 0 to 100 °C ±0.5% rdg from 101 to 1250 °C
Differential temperature	Calculated	0 to 1250°C	0.1°C	-
Pressure/Draft	Semiconductor	-10 à 200 hPa	0.01 hPa	±1 % rdg from -10 to -2.01 hPa ±0.02 hPa from -2.00 to 2.00 hPa ±1 % rdg from 2.01 to 200 hPa
Excess air	Calculated	0 - 850%	1%	-
Efficiency	Calculated	0 - 100%	0.1%	-

Standard Probe Details

- Sonde 180 mm
- 400 °C max
- 1.5 m Dual hose
- Longer & High Temperature Probes available

E1500 Kits

- New iOS & Android App (Real-time data reading & QR code scanning)
- New Auto Outdoor Air Temp.
- O₂ & CO (calculated CO₂)
- Combustion Efficiency, Losses, Excess Air
- CO Air Free
- Draft & Differential Pressure
- Temperature Measurements
- Large Color Display
- 2000 Test Internal Memory
- Bluetooth® Connectivity
- Long Lasting Rechargeable Battery & AC Charger
- Gas Sampling Probe & Hose
- Water Trap with Filter Cartridge
- Magnetic Rubber Holster
- PC Software & USB Cable
- Operating Manual & Quick Start Guide
- Calibration Certificate
- Carrying Case

Standards

- RoHS & RAEE
- EN 50379-1
- EN 50379-2

Ordering Information

Model #	Description
E1500-NP	E1500 Kit with Standard Probe
E1500-NP-P	1500-NP with Differential Pressure Manometer Kit (2 Hoses)

