

E500



Built with Quality in Mind

For Boiler & Burner Set-Up, Servicing, & Maintenance

Residential Combustion Efficiency Analyzer

Economical

CO₂

Easy

CO

O₂

NEW!



6 Tools-In-One

Combustion Efficiency

CO Sensor with NOx Filter

Flue & Ambient Temperature

Ambient CO Monitor

Built-In Pressure Manometer

Draft & Differential Pressure

Smartphone Apps For **Android & iOS**



**TRUE High-Efficiency
Calculations for ALL
Condensing Systems**

Optional Wireless
Bluetooth™ Printer

IOS and Android App

Economical & Easy to Use



E Instruments International

www.E-Inst.com

P: 215-750-1212 F: 215-750-1399 A: 402 Middletown Blvd, Ste 216 Langhorne, PA 19047

E500 Features

NEW!



Built with Quality in Mind



Parameter	Sensor	Range	Resolution	Accuracy
O ₂	Electrochemical	0 - 25 %	0.1 %	±0.2 % vol
CO H ₂ Compensated w/ Built-In NO _x Filter	Electrochemical	0 - 4000 ppm	1 ppm	±10 ppm <400 ppm ±5 % rdg up to 2000 ppm ±10 % rdg for >2000 ppm
CO ₂	Calculated	0 - 99.9%	0.1 %	
Tair	Pt100	-10 to 212 °F	0.1 °F	±1 °F
Tgas	Tc K	-10 to 1400 °F	0.1 °F	±2 °F
Differential Temp.	Calculated	-10 to 1400 °F	0.1 °F	
Pressure/Draft	Semiconductor	±0 - 80 inH ₂ O	0.001 inH ₂ O	±1 % rdg.
Excess Air	Calculated	0 - 850%	1 %	
Efficiency	Calculated	0 - 100%	0.1 %	



Optional Wireless Bluetooth™ Printer



All E500 Kits Include:

- O₂, CO, CO₂
- Combustion Efficiency,
- Heat Losses & Excess Air
- CO Air Free
- Draft
- Pressure Manometer
- Temperature Measurements
- Long Lasting Rechargeable Battery & AC Charger
- Gas Sampling Probe & Hose
- Water Trap with Filter
- Magnetic Rubber Holster
- Operating Manual
- Calibration Certificate
- IR Interface
- ABS Carrying Case
- **Outdoor Air Calculations for Condensing Systems**

Ordering Information

Model No.	Description
E500-1	E500 Lite Kit = Analyzer w/ O ₂ , CO, CO ₂ , Efficiency, Excess Air, Draft, Pressure, Temp, Rechargeable Battery & AC Plug, 5' FT Dual Hose, 12" Probe, Water Trap, ABS Case, Calibration Certificate, Operating Manual, Cheat Sheet, Calculations For High Efficiency & Condensing Sysytems. No Bluetooth, No Smartphone Apps
E500-2	E500 BASIC Kit = Analyzer w/ O ₂ , CO, CO ₂ , Efficiency, Excess Air, Draft, Pressure, Temp, Rechargeable Battery & AC Plug, 5' FT Dual Hose, 12" Probe, Water Trap, ABS Case, Calibration Certificate, Operating Manual, Cheat Sheet, Calculations For High Efficiency & Condensing Sysytems. Includes Bluetooth & Smartphone Apps
E500-2P	E500 PLUS Kit = Standard E500-2 base kit with Wireless Bluetooth Printer Included



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