

BTU1500-NP



The Latest in Combustion Analysis Technology

Built with Quality in Mind

Residential & Commercial COMBUSTION ANALYZER

Accurate

Reliable

Robust

Fast

CO₂

CO

O₂



6 Tools-In-One

Combustion Efficiency

Flue & Ambient Temp

Ambient CO Monitor

Built-In Manometer

Draft & Differential Pressure

PC Software w/ Auto Saving

Unbreakable Metal Connections

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



NEW!



Mobile App: Save/Email Data

Full COLOR Graphic Display

Field Replaceable Sensors



E Instruments International

www.E-Inst.com

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

BTU1500-NP Features



Built with Quality in Mind

Full COLOR
Graphic Display

Simple Menu
Interface

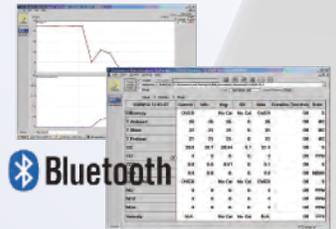
Automatic Outdoor
Air Temp. & High-
Efficiency Calculations
(Condensing Systems)



Pre-Calibrated
Field Replaceable
Sensors



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 NO _x Filter	Electrochemical	0 - 8000 ppm	1 ppm	±8 ppm <400 ppm ±5 % rdg up to 2000 ppm ±10 % rdg for >2000 ppm
CO ₂	Calculated	0 - 99.9%	0.1 %	
T _{air}	Pt100	-10 to 212 °F	0.1 °F	±1 °F
T _{gas}	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 ₂ O	0.001 inH ₂ O	±1 % rdg.
Excess Air	Calculated	0 - 850%	1 %	
Efficiency	Calculated	0 - 100%	0.1 %	
Warranty	2 years: Analyzer + Sensors			

Ordering Information

Model No.	Description
1500-NP	BTU1500-NP Base Kit = Analyzer w/ O ₂ , CO, CO ₂ , Efficiency, Excess Air, Draft, Pressure, Temp, Rechargeable Battery & AC Plug, 10' Dual Hose, 12" Probe, Vinyl Case, Calibration Certificate, Operating Manual, Cheat Sheet, Water Trap, 2000 Internal Data Storage, PC Software, Bluetooth™ Connectivity, Automatic Outdoor Air Temperature Saving for ALL 90%+ Systems & Condensing Systems for TRUE Efficiency Calculations + New iOS or Android App Included
1500-NP-O	Standard 1500-1 Kit PLUS: Oil Smoke Pump , Smoke Filter Papers, and Comparison Chart
1500-NP-P	Standard 1500-1 Kit PLUS: Differential Pressure Kit

All BTU1500-NP Kits Include:

- New iOS & Android App
- New Auto Outdoor Air Temp.
- Large Color Display
- O₂, CO, CO₂
- Combustion Efficiency, Losses, Excess Air
- CO Air Free
- Draft & Differential Pressure
- Temperature Measurements
- 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
- Calibration Certificate
- Carrying Case



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