

BTU1500



Built with Quality in Mind

The Latest in Combustion Analysis Technology

Residential & Commercial COMBUSTION ANALYZER

Accurate

Reliable

Robust

Fast

CO₂

CO

O₂

NEW!

 Combustion Efficiency

 Draft & Differential Pressure

 Flue & Ambient Temp

 Ambient CO Monitor

 Built-In Manometer

 5 Tools-In-One

 PC Software w/ Auto Saving

 Unbreakable Metal Connections

 **THE All-In-One Combustion Analyzer For Your Condensing & High Efficiency Systems**



 Bluetooth®

 **BUILT-IN Printer**

 **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 Features



Built with Quality in Mind



PC Software & Bluetooth Included



Large Color Graphic Display

All BTU1500 Kits Include:

- Built-In Printer
- Large Color Display
- O₂, CO, CO₂
- Combustion Efficiency & Excess Air
- Draft & Differential Pressure
- Temperature Measurements
- 2000 Test Internal Memory
- Bluetooth Connectivity
- Li-Ion 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

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 <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 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 in H ₂ O	±1 % (-4.014 - 0.806 inH ₂ O) ±0.008 (-0.802 - 0.802 inH ₂ O) ±1 % (0.806 - 0.292 inH ₂ O)
Excess Air	Calculated	0 - 850%	1 %	
Efficiency	Calculated	0 - 100%	0.1 %	
Warranty	2 years: Analyzer + Sensors			

Ordering Information

Model No.	Description
1500-1	BTU1500 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, Paper Roll, 2000 Internal Data Storage, PC Software, Bluetooth™ Connectivity, Incoming Air Temperature Probe for ALL 90%+ Systems & Condensing Systems + Built-In Printer
1500-Oil	Standard 1500-1 Kit PLUS: Oil Smoke Pump , Smoke Filter Papers, and Comparison Chart

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