

# BTU1500



The Latest in Combustion Analysis Technology

Built with Quality in Mind

## Residential & Commercial COMBUSTION ANALYZER

Accurate

Reliable

Robust

Fast

CO<sub>2</sub>

CO

O<sub>2</sub>



5 Tools-In-One

Draft & Differential Pressure

Flue & Ambient Temp

Ambient CO Monitor

Built-In Manometer

Combustion Efficiency

PC Software w/ Auto Saving

Unbreakable Metal Connections

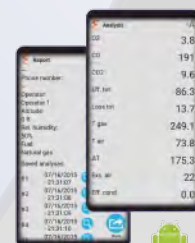
NEW!

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



NEW!

Smart App For



Phones & Tablets

ANDROID APP ON  
Google play

Bluetooth®

**BUILT-IN Printer**

**Full COLOR Graphic Display**

**Field Replaceable Sensors**

# BTU1500 Features



Built with Quality in Mind

**BUILT-IN PRINTER  
(NON-Fading Paper)**

**Full COLOR  
Graphic Display**

**Simple Menu  
Interface**

**Magnetic  
Rubber Holster**

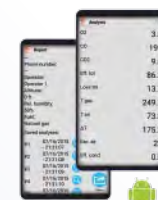
**Pre-Calibrated  
Field Replaceable  
Sensors**

**Unbreakable Metal  
Connections**

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



**Smart App For**



**Phones & Tablets**



**PC Software, Bluetooth,  
& App Included**



**Large Color  
Graphic Display**

**All BTU1500 Kits  
Include:**

- New Android App
- New Auto Outdoor Air Temp.
- Built-In Printer
- Large Color Display
- O<sub>2</sub>, CO, CO<sub>2</sub>
- 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

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 NOx Filter	Electrochemical	<b>0 - 8000 ppm</b>	1 ppm	±8 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 inH <sub>2</sub> 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
1500-1	BTU1500 Base Kit = Analyzer w/ O <sub>2</sub> , CO, CO <sub>2</sub> , 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, <b>Automatic Outdoor Air Temperature Saving for ALL 90%+ Systems &amp; Condensing Systems for TRUE Efficiency Calculations + Built-In Printer + New Android App Included</b>
1500-Oil	Standard 1500-1 Kit <b>PLUS: Oil Smoke Pump</b> , Smoke Filter Papers, and Comparison Chart

