

# BTU900



Built with Quality in Mind

The Latest in Combustion Analysis Technology

## Economical Residential Combustion Analyzer

Accurate

Reliable

Robust

Fast

**NEW!**  
Now With Wireless  
Bluetooth™ Printer

CO<sub>2</sub>

CO

O<sub>2</sub>

• Combustion Efficiency

• Upgradeable to NO/NO<sub>x</sub>

• Flue & Ambient Temp

• Ambient CO Monitor

• Built-In Manometer

• Draft & Differential Pressure

• PC Software w/ Auto Saving

• Unbreakable Metal Connections

• **THE Combustion Analyzer For  
Your Condensing & High  
Efficiency Systems**



Bluetooth®

• **Wireless Bluetooth™ Printer**

• **Field Replaceable Sensors**

• **Upgradeable to NO/NO<sub>x</sub>**



**E Instruments International**

**www.E-Inst.com**

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

# BTU900 Features



Built with Quality in Mind

Incoming Air  
Temperature Probe

Internal Memory &  
PC Software Included

10 Fuel / Oil Types  
Including Bio-Heat 5%

Pre-Calibrated  
Field Replaceable  
Sensors

Unbreakable Metal  
Connections

NEW!



Bluetooth

Optional Wireless  
Bluetooth™ Printer  
(No More Lining Up  
Infrared Printers!)

Parameter	Sensor	Range	Resolution	Accuracy
O <sub>2</sub>	Electrochemical	0 - 25%	0.1%	±0.2% vol
CO	Electrochemical	0 - 8000 ppm	1 ppm	±10 ppm <400 ppm ±5% rdg up to 2000 ppm
CO <sub>2</sub>	Calculated	0 - 99.9%	0.1%	
NO	Electrochemical	0 - 4000 ppm	1 ppm	±5 ppm <100 ppm ±5% rdg up to 1000 ppm ±10% rdg for >4000 ppm
NO <sub>x</sub>	Calculated	0 - 5000 ppm	1 ppm	
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% (-4.014 - 0.806 inH <sub>2</sub> O) ±0.008 (-0.802 - 0.802 inH <sub>2</sub> O) ±1% (0.806 - 0.292 inH <sub>2</sub> O)
Excess Air	Calculated	0 - 850%	1%	
Efficiency	Calculated	0 - 100%	0.1%	
Warranty	2 years: Analyzer + Sensors			

## Ordering Information

Model No.	Description
900 - 2	<b>Base Kit</b> = O <sub>2</sub> , CO, CO <sub>2</sub> , Upgradeable to NO/NO <sub>x</sub> , Draft, Diff. Pressure, Flue/Air Temperature, Efficiency, Excess Air, 600 Internal Test Memory, PC Software Included
900 - 2P	<b>Base Kit w/ Printer</b> = O <sub>2</sub> , CO, CO <sub>2</sub> , Upgradeable to NO/NO <sub>x</sub> , Draft, Diff. Pressure, Flue/Air Temperature, Efficiency, Excess Air, 600 Internal Test Memory, PC Software Included + <b>Wireless Bluetooth™ Printer</b>
900 - 3	<b>NO<sub>x</sub> Base Kit</b> = O <sub>2</sub> , CO, CO <sub>2</sub> , <b>NO/NO<sub>x</sub> Included</b> , Draft, Diff. Pressure, Flue/Air Temperature, Efficiency, Excess Air, 600 Internal Test Memory, PC Software Included
900 - 3P	<b>NO<sub>x</sub> Kit w/ Printer</b> = O <sub>2</sub> , CO, CO <sub>2</sub> , <b>NO/NO<sub>x</sub> Included</b> , Draft, Diff. Pressure, Flue/Air Temperature, Efficiency, Excess Air, 600 Internal Test Memory, PC Software Included + <b>Wireless Bluetooth™ Printer</b>

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