

# BTU900



Built with Quality in Mind

The Latest in Combustion Analysis Technology

## Economical Combustion & Emissions Analyzer

Accurate

Reliable

Robust

Fast

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

**NO<sub>x</sub>**

**CO<sub>2</sub>**

**CO**

**O<sub>2</sub>**

5 Tools-In-One

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

Bluetooth®

**NO<sub>x</sub>**  
UPGRADEABLE



**NEW!**

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

**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

**NEW!**

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

**Internal Memory & PC Software Included**

**10 Fuel / Oil Types Including Bio-Heat 5%**

**Pre-Calibrated Field Replaceable Sensors**

**Unbreakable Metal Connections**

**NEW!**



**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 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%	
NO	Electrochemical	0 - 4000 ppm	1 ppm	±5 ppm <100 ppm ±5% rdg up to 1000 ppm ±10% rdg for >4000 ppm
NOx	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% rdg.
Excess Air	Calculated	0 - 850%	1%	
Efficiency	Calculated	0 - 100%	0.1%	
Warranty	2 years: Analyzer + Sensors			

**All BTU900 Kits Include:**

- New Auto Outdoor Air Temp
- O<sub>2</sub>, CO, CO<sub>2</sub>
- Upgradeable to NO/NOx
- Combustion Efficiency, Losses, & Excess Air
- CO Air Free
- Draft & Differential Pressure
- Temperature Measurements
- 600 Test Internal Memory
- Bluetooth Connectivity
- Long Lasting Rechargeable Battery & AC Charger
- Gas Sampling Probe & Hoses
- Water Trap with Filter Cartridge
- Magnetic Rubber Holster
- PC Software & USB Cable
- Operating Manual
- Calibration Certification
- Vinyl Carrying Case
- Optional Wireless Bluetooth™ Printer

**Ordering Information**

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

**E Instruments International**

**www.E-Inst.com**



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