

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

NO_x

CO₂

CO

O₂

5 Tools-In-One

Combustion Efficiency

Upgradeable to NO/NO_x

Flue & Ambient Temp

Ambient CO Monitor

Built-In Manometer

Draft & Differential Pressure

PC Software w/ Auto Saving

Unbreakable Metal Connections



Bluetooth™

NO_x
UPGRADEABLE



NEW!

Automatic, TRUE High-Efficiency Calculations for ALL Condensing Systems

Wireless Bluetooth™ Printer

Field Replaceable Sensors

Upgradeable to NO/NO_x



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)

Pre-Calibrated Field Replaceable Sensors



Internal Memory & PC Software Included

10 Fuel / Oil Types Including Bio-Heat 5%

Unbreakable Metal Connections

NEW!



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

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	±10 ppm <400 ppm ±5% rdg up to 2000 ppm ±10% rdg for >2000 ppm
CO ₂	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 _x	Calculated	0 - 5000 ppm	1 ppm	
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% (-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			

All BTU900 Kits Include:

- New Auto Outdoor Air Temp
- O₂, CO, CO₂
- Upgradeable to NO/NO_x
- Combustion Efficiency, Losses, & Excess Air
- CO Air Free
- Draft & Differential Pressure
- Temperature Measurements
- 600 Test Internal Memory
- Bluetooth Connectivity
- Li-Ion 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	Base Kit = O ₂ , CO, CO ₂ , Upgradeable to NO/NO _x , Draft, Diff. Pressure, Flue/Air Temperature, Efficiency, Excess Air, 600 Internal Test Memory, PC Software Included + New Auto Outdoor Air Temp. Saving for TRUE Efficiency Calculations
900 - 2P	Base Kit w/ Printer = O ₂ , CO, CO ₂ , Upgradeable to NO/NO _x , Draft, Diff. Pressure, Flue/Air Temperature, Efficiency, Excess Air, 600 Internal Test Memory, PC Software Included + Wireless Bluetooth™ Printer + New Auto Outdoor Air Temp. Saving for TRUE Efficiency Calculations
900 - 3	NO_x Base Kit = O ₂ , CO, CO ₂ , NO/NO_x Included , Draft, Diff. Pressure, Flue/Air Temperature, Efficiency, Excess Air, 600 Internal Test Memory, PC Software Included + New Auto Outdoor Air Temp. Saving for TRUE Efficiency Calculations
900 - 3P	NO_x Kit w/ Printer = O ₂ , CO, CO ₂ , NO/NO_x Included , Draft, Diff. Pressure, Flue/Air Temperature, Efficiency, Excess Air, 600 Internal Test Memory, PC Software Included + Wireless Bluetooth™ Printer + New Auto Outdoor Air Temp. Saving for TRUE Efficiency Calculations

E Instruments International

www.E-Inst.com



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