

# BTU700

For Boiler & Burner Set-Up, Servicing, & Maintenance



## Residential Combustion Efficiency Analyzer

**Accurate**

CO<sub>2</sub>

**Reliable**

CO

**Robust**

O<sub>2</sub>

**Fast**

- 6 Tools-In-One
- Combustion Efficiency
- CO Sensor with NOx Filter
- Flue & Ambient Temperature
- Ambient CO Monitor
- Built-In Manometer
- Draft & Differential Pressure
- PC Software w/ Auto Saving
- Unbreakable Metal Connections

Automatic, TRUE High-Efficiency Calculations for ALL Condensing Systems



NOx  
UPGRADEABLE

Bluetooth®

 **Optional Wireless Bluetooth™ Printer**

 **Optional PC Software**

 **Field Replaceable  
Pre-Calibrated Sensors**

**E Instruments International**

[www.E-Inst.com](http://www.E-Inst.com)

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

# BTU700 Features



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

**Pre-Calibrated Field Replaceable Sensors**



**Internal Memory & Optional PC Software**

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

**Unbreakable Metal Connections**



Bluetooth

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

FEATURES & PARAMETERS	Lite	Basic	Plus
	700-1	700-2	700-3
<b>Combustion Efficiency Measurements</b>	✓	✓	✓
O <sub>2</sub> Measurement, 0 - 25.0%	✓	✓	✓
CO <sub>2</sub> (Calculated from O <sub>2</sub> ), 0 - 100%	✓	✓	✓
CO Measurement w/ NOx Filter, 0 - 4,000 ppm		✓	
CO Measurement w/ NOx Filter, 0 - 8,000 ppm			✓
Ambient CO Monitor		✓	✓
Upgradeable to NOx			✓
Ambient Temperature Measurement	✓	✓	✓
Stack Temperature Measurement	✓	✓	✓
Differential Pressure Measurement/ Manometer	✓	✓	✓
Draft Measurement	✓	✓	✓
Excess Air Measurement	✓	✓	✓
Outdoor Air Temp. For Condensing Systems	✓	✓	✓
<b>Wireless BLUETOOTH Printer</b>	Optional	Optional	Optional
Rechargeable Li-ion battery w/ AC Charger	✓	✓	✓
<b>FIELD-REPLACEABLE Pre-Calibrated Sensors</b>	✓	✓	✓
PC Software & USB Cable	Optional	Optional	✓
Internal Memory (# of Tests)	300	300	300
Vinyl Carrying Case	✓	✓	✓
Magnetic Rubber Boot	Optional	Optional	✓

## All BTU700 Kits Include:

- New Auto Outdoor Air Temp. Saving for TRUE Efficiency
- O<sub>2</sub> & CO<sub>2</sub>
- Combustion Efficiency, Losses, & Excess Air
- Draft
- Differential Pressure Manometer
- Temperature Measurements
- 300 Test Internal Memory
- Bluetooth Connectivity
- Long Lasting Rechargeable Battery & AC Charger
- Gas Sampling Probe & Hoses
- Water Trap with Filter Cartridge
- Operating Manual

## Options:

- Magnetic Rubber Boot
- PC Software & USB Cable
- Wireless Bluetooth™ Printer



## Ordering Information

Model No.	Description
BTU700-1-	BTU700 <b>Lite</b> with O <sub>2</sub> , CO <sub>2</sub> , Combustion Efficiency
BTU700-2-	BTU700 <b>Basic</b> with O <sub>2</sub> , CO <sub>2</sub> , CO, Combustion Efficiency
BTU700-3-	BTU700 <b>Plus</b> with O <sub>2</sub> , CO <sub>2</sub> CO, Combustion Efficiency, <b>Upgradeable to NO/NOx</b>
-P	Wireless Bluetooth Printer (Can be added to ALL kits)

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