

BTU700



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

Built with Quality in Mind

Residential Combustion Efficiency Analyzer

Accurate

Reliable

Robust

Fast

CO₂

CO

O₂

NO_x
UPGRADEABLE

• 6 Tools-In-One

• Combustion Efficiency

• CO Sensor with NO_x Filter

• Flue & Ambient Temperature

• Ambient CO Monitor

• Built-In Manometer

Bluetooth®

• Draft & Differential Pressure

• PC Software w/ Auto Saving

• Unbreakable Metal Connections

Automatic, TRUE High-Efficiency Calculations for ALL Condensing Systems



Optional Wireless Bluetooth™ Printer

Optional PC Software

Field Replaceable Pre-Calibrated Sensors

E Instruments International

www.E-Inst.com

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



BTU700 Features



Built with Quality in Mind

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



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

	<i>Lite</i>	Basic	Plus
FEATURES & PARAMETERS	700-1	700-2	700-3
Combustion Efficiency Measurements	✓	✓	✓
O ₂ Measurement, 0 - 25.0%	✓	✓	✓
CO ₂ (Calculated from O ₂), 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 <u>Condensing</u> Systems	✓	✓	✓
Wireless BLUETOOTH Printer	Optional	Optional	Optional
Rechargeable Li-ion battery w/ AC Charger	✓	✓	✓
FIELD-REPLACEABLE Pre-Calibrated Sensors	✓	✓	✓
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
- O₂ & CO₂
- 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 Lite with O ₂ , CO ₂ , Combustion Efficiency
BTU700-2-	BTU700 Basic with O ₂ , CO ₂ , CO , Combustion Efficiency
BTU700-3-	BTU700 Plus with O ₂ , CO ₂ , CO , Combustion Efficiency, Upgradeable to NO/NOx
-P	Wireless Bluetooth Printer (Can be added to ALL kits)

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