

# BTU2200



## Professional Combustion Analyzer

Providing the latest and most innovative "ALL-IN-ONE" Combustion Gas Analyzers for COMPLETE Boiler & Burners Set-Ups, Servicing & Maintenance

- Easily Upgradeable to NO/NO<sub>x</sub>
- CO Sensor w/ NO<sub>x</sub> Filter
- Built-In NON-THERMAL Printer
- Draft & Differential Pressure Meter
- 2 Channel Thermometer
- Ambient CO & NO Monitor
- ONE Button Operation
- CO with 1 ppm Resolution
- Rechargeable Battery
- ZOOM Function
- Immediate Response Time
- External Condensation Trap
- 600 Test Internal Memory
- PC Software Included



O<sub>2</sub>

CO<sub>2</sub>

CO

NO

NO<sub>x</sub>

Efficiency

Excess Air

Tair Tgas

DRAFT

Diff. Press

Ambient  
CO & NO



**Unbreakable Metal  
Probe Connections**



**Field Replaceable  
Pre-Calibrated Sensors**

**E Instruments International**

**www.E-Inst.com**

P: 215-750-1212 F: 215-750-1399 A: 172 Middletown Blvd, Ste B201 Langhorne, PA 19047

# BTU 2200 Features



## Internal Impact Printer

A **Built-In** impact printer uses **NON-THERMAL** paper rolls for easy printing of data without extra parts or communications needed.

## Pre-Calibrated Gas Sensors

The field-replaceable, pre-calibrated gas sensors can easily be replaced in the field to provide a convenient way to minimize costly downtime!

**BIG Bright BLUE** Backlight w/ **ZOOM** Feature



Unbreakable **Metal** Connections



Magnetic Rubber Boot "Hands-Free"

Durable "**Boiler Room**" Design

10' Dual Hose, 12" Probe Gas, Draft, Temp = All-at-once

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



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 NO <sub>x</sub> Filter	Electrochemical	0 - 8000 ppm	1 ppm	±20 ppm <400ppm ±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 <100ppm ±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 - 40 inH <sub>2</sub> O	0.001 inH <sub>2</sub> O	±0.008 inH <sub>2</sub> O for ±0.16 inH <sub>2</sub> O ± 5% meas. val. elsewhere
Excess Air	Calculated	1.00 - infinity	0.01	
Efficiency	Calculated	0-100%	0.1% (also for condensing boilers with automatic detection)	



## Pre-Calibrated Gas Sensors



## Unbreakable Metal Connections

## Ordering Information

Model No.	Description
2200-1	BTU2200 Unit: O <sub>2</sub> , CO, CO <sub>2</sub> , <b>Upgradeable</b> to NO/NO <sub>x</sub> Efficiency, Excess Air, Draft, Pressure, Temp, Recharge Battery & AC Plug, Hose, Probe, Hard ABS Case, Calibration Certificate, Operating Manual, Water Trap, Paper Roll, Memory, <b>PC Software &amp; Built-In Printer Included!</b>
2200-2 NO <sub>x</sub> Kit	2200-1 <b>PLUS</b> (O <sub>2</sub> , CO, CO <sub>2</sub> , NO/NO <sub>x</sub> ),



2200-1

**E Instruments International**

**www.E-Inst.com**

P: 215-750-1212 F: 215-750-1399 A: 172 Middletown Blvd, Ste B201 Langhorne, PA 19047