BTU900

NEW

E INSTRUMENTS

Economical Residential Combustion Analyzer

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

NEW **High Efficiency Kits for ALL 90%+ Systems**

- 2 or 3 Gas Models
- Field Upgradeable to NO/NOx
- CO Sensor w/ NOx Filter
- Draft & Differential Pressure Manometer
- 2 Channel Thermometer
- Ambient CO Monitor
- Magnetic Rubber Boot
- SIMPLE to Use
- Li-Ion Rechargeable Battery
- ZOOM Function
- Immediate Response Time
- External Condensation Trap
- 600 Test Internal Memory
- PC Software Included



- O_2
- CO_2
- CO
- NO
- NO_x
- Efficiency
- Excess Air
- Tair Tgas
- DRAFT
- Diff. Press
- Ambient CO & NO



NEW **Unbreakable Metal Probe Connections**

NEW **Field Replaceable Pre-Calibrated Sensors**

BTU 900 Features

Internal Memory & PC Software Included

Store ALL your data and email to your customer
BLUE TOOTH Optional

IR Printer Interface: Easily communicate to your **EXISTING** Printer, **save $$$**

BIG Bright BLUE Back light w/ ZOOM Feature

Unbreakable **Metal** Connections



Pre-Calibrated Gas Sensors

The **Field-Replaceable, Pre-Calibrated** gas sensors provide an easy way to minimize costly downtime!

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

Durable "**Boiler Room**" Design

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

Parameter	*Sensor*	*Range*	*Resolution*	*Accuracy*
O_2	Electrochemical	0 - 25%	0.1%	±0.2% vol
CO w/ Built-in NO_x Filter	Electrochemical	0 - 4000 ppm	1 ppm	±10 ppm <400ppm ±5% rdg up to 2000 ppm
CO_2	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
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 - 40 inH_2O	0.001 inH_2O	±0.008 inH_2O for ±0.16 inH_2O ± 5% meas. val. elsewhere
Excess Air	Calculated	0 - 850%	1%	
Efficiency	Calculated	0 - 100%	0.1% (also condensing boilers w/ auto detection)	
Warranty	2 years: Analyzer + Sensors			



Pre-Calibrated Gas Sensors

All BTU900 Kits Include: O2, CO, CO2, Upgradeable to NO/NOx, Efficiency, Draft, Differential Pressure manometer, Temperatures, Excess Air, rechargeable batteries & AC charger, gas sampling probe & hoses, water trap with filter cartridge, magnetic protective rubber holster, 600 Test Internal Memory, PC software package with USB cable INCLUDED, operating manual, calibration certificate, ABS hard plastic carrying case, One-Page Operating Cheat Sheet, **IR Port that Prints to ANY HP competitors existing IR Printers.**

Ordering Information

Model No.	Description
900 - HE	High Efficiency Kit = O2, CO, CO2, Upgradeable to NO/NOx, Draft, Diff. Pressure, Temp, Efficiency, Excess Air, 600 Internal Test Memory, **PC Software Included + Differential Pressure Kit + SMART Incoming Air Temp Probe for ALL 90%+ Systems & Condensing Systems**
900 - OIL	Oil Kit = O2, CO, CO2, Upgradeable to NO/NOx, Draft, Diff. Pressure, Temp, Efficiency, Excess Air, 600 Internal Test Memory, **PC Software Included + Oil Smoke Pump, Smoke Filter Papers and Comparison Chart**
900 - NOx	NOx Kit = O2, CO, CO2, **NO/NOx Included**, Draft, Diff. Pressure, Temp, Efficiency, Excess Air, 600 Internal Test Memory, **PC Software Included + Differential Manometer Pressure Kit**
900 - NOx-HE	High Efficiency NOx Kit = O2, CO, CO2, **NO/NOx Included**, Draft, Diff. Pressure, Temp, Efficiency, Excess Air, 600 Internal Test Memory, **PC Software Included + Differential Pressure Kit + SMART Incoming Air Temp Probe for ALL 90%+ Systems & Condensing Systems**