TOOLS & TEST EQUIPMENT

COMBUSTION AND EMMISIONS GAS ANALYZER

BTU4500 SERIES

NEW!

E INSTRUMENTS

DESCRIPTION

The **E Instruments BTU4500** combustion & emissions gas analyzer is the latest and most innovative all-in-one tool for complete boiler and burner set-ups, servicing and maintenance for HVAC, commercial and industrial applications. The **BTU4500** can be configured for up to 4 different gases including O2, CO, CO2, NO, NOx, SO2, NO2 and/or CxHy. The **BTU4500** also simultaneously measures and displays efficiency excess air, draft, pressure, and temperature. It has a large color backlit display with zoom functions, heavy duty metal connections, a 10' dual hose with 12" probe, data memory, wireless Bluetooth, PC software, field replaceable sensors, auto saving features, built-in pressure manometer, built-in CO leak detector, and an integral built-in non-fading printer. Also included are a Li-Ion rechargeable battery and AC plug, USB cable, software, vinyl case, calibration certificate, water trap, and an extra roll of printer paper.

BTU 4500

GROUND SHIPPING ONLY

CE

FEATURES

- ***Up to FOUR gas sensors***
- ***Low NOx and total NOx***
- ***CO sensor with NOx filter***
- ***Draft and differential pressure***
- ***2 channel thermometer***
- ***PC software with auto saving***

SPECIFICATIONS

Sensor	
O2, CO, CO Diluted, NO	Electrochemical
NO2, LOW NO and/ or low NO2, SO2, H2 compensated with built-in NOx filter	
CO2, NOx, Excess Air, Efficiency	Calculated
Tair	Pt100
Tgas	Tc K
Pressure/Draft	Semiconductor
Range	
O2	0-25 %
CO	0-8000 ppm
H2 compensated with built-in NOx filter	
CO Diluted	0.8 %-5.00 %
CO2	0-99.9 %
NO, NOx, SO2	0-5000 ppm
NO2	0-1000 ppm
Low NO and/or low NO2	0-500 ppm
Tair	-10° to 212°F (-10° to 100°C)
Tgas	-4° to 2280°F (-20° to 1250°C)
Pressure/Draft	±0-80 inH2O
Excess Air	0-850 %
Efficiency	0-100 %
Resolution	
O2, CO2, Efficiency	0.1 %
CO, CO2, NO2, NOx, SO2	1 ppm
H2 compensated with built-in NOx filter	
CO Diluted	0.01 %
Low NO and/or low NO2	0.1 ppm
Tair, Tgas	0.1°F (0.1°C)
Pressure/Draft	0.001 inH2O
Excess Air	1 %
Accuracy	
O2	±0.2 % vol
CO	±10 ppm (0-200 ppm)
H2 compensated with built-in NOx filter	±5 % rdg (201-2000 ppm) ±10 % rdg (2001-8000 ppm)
CO Diluted	±10 % rdg
NO	±5 ppm (0-100 ppm) ±5 % rdg (101-5000 ppm)
NO2	±5 ppm (0-100 ppm) ±5 % rdg (101-1000 ppm)
Low NO and/or low NO2	±2 ppm (0.0-40.0 ppm) ±5 % rdg (40.1-500.0 ppm)
SO2	±5 ppm (0-100 ppm) ±5 % rdg (101-5000 ppm)
Tair	0.1°F (0.1°C)
Tgas	±0.5°C (-20° to 100°C) ±0.5 % rdg (101 to 1250°C)
Pressure/Draft	±1.0 % rdg
Warranty	2 years: Analyzer and all sensors

ORDERING INFORMATION

MODEL	DESCRIPTION
BTU4500-2	4500 with O2, CO, upgradeable to NO/NOx gas sensors
BTU4500-3	4500 with O2, CO, NO/NOx gas sensors installed, upgradeable to 4th gas sensor
BTU4500-N	4500 with O2, CO, NO/NOx, NO2 gas sensors & CO dilution auto-range to 50,000 ppm
BTU4500-S	4500 with O2, CO, NO/NOx, SO2 gas sensors & CO dilution auto-range to 50,000 ppm

NEW!