



# Combustion Gas Analyzer for Residential & Commercial HVAC Boilers

TEMPERATURE & PROCESS INSTRUMENTS INC

## BTU 700 Economical Residential Combustion Analyzer for Complete Boiler and Burners Set-Ups, Servicing & Maintenance

### Features

- ▶ Combustion Analyzer for O2, CO, CO2, Excess Air, Efficiency
- ▶ Ambient Carbon Monoxide (CO) Leak Detector
- ▶ Draft and Built-In Differential Pressure Manometer
- ▶ Thermometer (Ambient, Flue & Incoming Air)
- ▶ 2 Channel Thermometer
- ▶ 300 Internal Test Memory and PC Software Included to download tests & customer database (keep records, export & email)
- ▶ Easy to use with direct ONE Button Operation



For more information visit our web site at:

[www.tnp-instruments.com/BTU700\\_Combustion\\_Flue\\_Gas\\_Analyzer.html](http://www.tnp-instruments.com/BTU700_Combustion_Flue_Gas_Analyzer.html)

## BTU 900 Series Professional Portable Multifunction Combustion Flue Gas Analyzers for Complete Boiler and Burners Set-Ups, Servicing & Maintenance

### Features

- ▶ Four Models Available
- ▶ Combustion Analyzer for O2, CO, CO2, Excess Air, Efficiency
- ▶ Nitric Oxide (NO), Nitrogen Oxides (NOX),
- ▶ Carbon Monoxide (CO) Leak Detector
- ▶ Built-In Differential Pressure Manometer
- ▶ New Bluetooth Communications now Included
- ▶ ALL BTU900 Kits come with 600 Internal Test Memory
- ▶ PC Software Included to download tests & customer database (keep records, export & email)



For more information visit our web site at:

[www.tnp-instruments.com/BTU900\\_Combustion\\_Flue\\_Gas\\_Analyzer.html](http://www.tnp-instruments.com/BTU900_Combustion_Flue_Gas_Analyzer.html)

## TPI 717 Combustion Flue Gas Analyzer Measure O2, CO and Flue Temperature with Datalogging and Optional Infrared Printer

### Features

- ▶ Measure Oxygen (O2), Carbon Monoxide (CO), flue temperature Calculate efficiency, excess air, Carbon Dioxide (CO2) and (CO/CO2) Ratio
- ▶ Field Replaceable Oxygen (O2), Carbon Monoxide (CO) Sensors
- ▶ 11 selectable fuels
- ▶ Integrated Magnet for hands-free use
- ▶ Built-in differential manometer with 0.001" H2O resolution
- ▶ Built-in differential thermometer
- ▶ Will not shut off if 15ppm CO is present for increased safety
- ▶ Large easy to read backlit display
- ▶ Store function to save up to 100 readings



For more information visit our web site at:

[www.tnp-instruments.com/tpi-717-flue-gas-combustion-analyzer.html](http://www.tnp-instruments.com/tpi-717-flue-gas-combustion-analyzer.html)

## *Combustion Gas Analyzer for Residential & Commercial HVAC Boilers*

### **New BTU-1500 Series Combustion Flue Gas Analyzer for Boiler and Furnace Maintenance with O2, CO and CO2**

**Features**

- ▶ Two Models to Choose From
- ▶ Combustion Analyzer for Oxygen, Carbon Monoxide, Carbon Dioxide, Excess Air, Efficiency along with all of the necessary temperature, draft and pressure measurements
- ▶ New Full COLOR Graphic Display
- ▶ New Bluetooth Communications
- ▶ Built-In NON-THERMAL Printer
- ▶ 2000 Test Points Internal Memory
- ▶ Field-Replaceable, Pre-Calibrated Sensors eliminates any downtime!

For more information visit our web site at:

[www.tnp-instruments.com/btu1500-1-combustion-flue-gas-analyzer.html](http://www.tnp-instruments.com/btu1500-1-combustion-flue-gas-analyzer.html)



### **TPI 712 Combustion Flue Gas Analyzer for Boiler Maintenance and Efficiency Analyzer with Datalogging and Optional Infrared Printer**

**Features**

- ▶ Measure Oxygen, Carbon Monoxide, Carbon Dioxide, CO/CO2 Ratio, Calculates boiler combustion efficiency, Gas Leak Sensor
- ▶ Store function to save up to 50 readings
- ▶ Data Logging with time and date stamp
- ▶ Pump driven for fast response
- ▶ Built-in differential manometer with 0.001" H2O resolution
- ▶ Built-in differential thermometer
- ▶ Will not shut off if 15ppm CO is present for increased safety
- ▶ Large easy to read backlit display

For more information visit our web site at:

[www.tnp-instruments.com/TPI712\\_Combustion\\_Flue\\_Gas\\_Analyzer.html](http://www.tnp-instruments.com/TPI712_Combustion_Flue_Gas_Analyzer.html)



### **TPI 714 Combustion Flue Gas Analyzer With Nitric Oxide for Boiler Maintenance and Efficiency Analyzer with Datalogging and Optional Infrared Printer**

**Features**

- ▶ Measure Oxygen, Carbon Monoxide, Nitric Oxide, Calculate NOx, CO/CO2 Ratio
- ▶ Calculates Boiler Combustion Efficiency
- ▶ Store function to save up to 50 readings
- ▶ Data Logging with time and date stamp
- ▶ Ten selectable fuels: Natural Gas, LPG, Light Oil, Heavy Oil, Bituminous Coal, Anthracite Coal, Coke, Butane, Wood, Bagasse
- ▶ Optional A740 IR printer available for hard copies of test results

For more information visit our web site at:

[www.tnp-instruments.com/TPI714\\_Combustion\\_Flue\\_Gas\\_Analyzer.html](http://www.tnp-instruments.com/TPI714_Combustion_Flue_Gas_Analyzer.html)



# Combustion Gas Analyzer for Residential & Commercial HVAC Boilers

TEMPERATURE & PROCESS INSTRUMENTS INC

## TPI 716 Combustion Analyzer for Flue Gas Boiler Maintenance and Efficiency Analyzer with Datalogging and Optional Infrared Printer

### Features

- ▶ Built-in differential manometer with 0.001" H2O resolution
- ▶ Calculates combustion efficiency
- ▶ Data Logging with time and date stamp
- ▶ Will not shut off if 15 ppm CO is present for increased safety
- ▶ Communicate to a PC via the USB interface
- ▶ Ten selectable fuels: Natural Gas, LPG, Light Oil, Heavy Oil, Bituminous Coal, Anthracite Coal, Coke, Butane, Wood, Bagasse
- ▶ Optional A740 IR printer available for hard copies of test results



For more information visit our web site at:

[www.tnp-instruments.com/TPI716\\_Combustion\\_Flue\\_Gas\\_Analyzer.html](http://www.tnp-instruments.com/TPI716_Combustion_Flue_Gas_Analyzer.html)

## TPI 716N Combustion Flue Gas Analyzer With Nitric Oxide for Boiler Maintenance and Efficiency Analyzer with Datalogging and Optional Infrared Printer

### Features

- ▶ Measure Oxygen, Carbon Monoxide, Nitric Oxide, Calculate NOx, CO/CO2 Ratio
- ▶ Store function to save up to 50 readings
- ▶ Data Logging with time and date stamp
- ▶ Pump driven for fast response
- ▶ Built-in differential manometer with 0.001" H2O resolution
- ▶ Built-in differential thermometer
- ▶ Ten selectable fuels: Natural Gas, LPG, Light Oil, Heavy Oil, Bituminous Coal, Anthracite Coal, Coke, Butane, Wood, Bagasse



For more information visit our web site at:

[www.tnp-instruments.com/TPI716N\\_Combustion\\_Flue\\_Gas\\_Analyzer.html](http://www.tnp-instruments.com/TPI716N_Combustion_Flue_Gas_Analyzer.html)

## New E4500 Series Professional Portable Multifunction Combustion Flue Gas Analyzers with Up to Four Gas Sensors

### Features

- ▶ Up to Four Gas Sensors: O2, CO, NO, and NO2 OR O2, CO, SO2 and CxHy (HC)
- ▶ Five Models to Choose From
- ▶ New Full COLOR Graphic Display
- ▶ Built-In Impact Printer (non-thermal)
- ▶ 10 Selectable Fuel/Oil Types Including Bio-Heat 5%

For more information visit our web site at:

[www.tnp-instruments.com/combustion\\_emission\\_analyzers.html](http://www.tnp-instruments.com/combustion_emission_analyzers.html)



## E5500 and E8500 Portable Industrial Combustion Gas & Emissions Analyzer

### E5500 Features

- ▶ Up to 5 Gas Sensors: O2, CO, NO, NO2, SO2 (Electrochemical)

### E8500 Features

- ▶ Up to 9 Gas Sensors: O2, CO, NO, NO2, SO2, H2S (Electrochemical) CO2, CxHy, High CO (NDIR)

Please call us for more information, specification and to obtain a quote.

