



# 708 Combustion Analyzer

## Features

**QUICK AND SIMPLE SET UP** All TPI analyzers feature quick and simple set up. Fast purge and the ability to perform fuel selection during start up enable tests to be performed quickly without requiring extra set-up time after initial start-up. TPI analyzers also use the last selected fuel as the default setting. This feature prevents the need to perform fuel selection every time the analyzer is turned on.

- Calculates combustion efficiency
- Pump driven for fast response
- Will not shut off if 15 ppm CO is present for increased safety
- Ten selectable fuels
- Optional A740 IR printer available for hard copies of test results
- Built-in differential thermometer
- Store function to save up to 50 readings
- Push on fittings for fast and easy use
- Large easy to read backlit display

## Specifications

### Instrument

Operating Temperature Range	14°F to +122°F (-10°C to +50°C)
Battery / Battery Life	AA (3) / > 6 Hours
Fuels	Natural Gas, LPG, Light Oil, Heavy Oil, Bituminous Coal, Anthracite Coal, Coke, Butane, Wood, Bagasse
Display	3 Line Backlit LCD w/ annunciators
Data Storage	50 sets of readings
Time & Date	24 Hour Real Time Clock
Dimensions	7.8" x 3.5" x 2.4"
Weight	1.1lbs

### Gases

	Range	Resolution	Accuracy
Oxygen	0-25%	0.1%	+/- 0.3%
Carbon Monoxide	0-10,000 ppm	1 ppm	+/- 5 ppm or 5%
Carbon Dioxide	0-25%	0.1%	Calculated
CO/CO2 Ratio	0-0.999	0.001	Calculated
Combustion Eff.	0-100%	0.1%	Calculated

### Temperature Measurement

Input Type	K-Type thermocouple
Range	-58°F to 1832°F (-50°C to 1000°C)
Resolution	1°F (1°C)
Accuracy	+/- (0.3% of rdg + 2°F) or +/- (0.3% of rdg + 1°C)

## 708 Contents

**708 Combustion Analyzer**



**A787 Soft Carrying Case**



**GK11M K-type thermocouple**



**A763 Mini pump protection filter**



**A770 Flue Probe**

