

# 715K3 Combustion Analyzer

## Test the TPI Advantage



### 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 startup. 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.

- Measure up to 9.999% CO
- Measure NO (Nitric Oxide), Calculate NOx
- Calculates combustion efficiency
- Push on fittings for fast and easy use
- Will not shut off if 15 ppm CO is present for increased safety
- A740 IR printer available for hard copies of test results
- Built-in differential thermometer
- Store function to save up to 10 readings
- Pump driven for fast response
- Large easy to read backlit display
- Ten selectable fuels



### Instrument

Operating Temperature Range	14°F to +122°F (-10°C to +50°C)
Battery / Battery Life	AA (3) / > 6 Hours
Charger Input Voltage	115V or 230V : 50/60 Hz AC
Fuels	Natural Gas, LPG, Light Oil, Heavy Oil, Bituminous Coal, Anthracite Coal, Coke, Butane, Wood, Bagasse
Units of Pressure	mbar, kPa & inH2O
Display	3 Line Backlit LCD w/ annunciators
Data Storage	10 sets of readings
Time & Date	24 Hour Real Time Clock
Dimensions	7.8" x 3.5" x 2.4"
Weight	1.1lbs

### Specifications

Gases	Range	Resolution	Accuracy
Oxygen	0-25%	0.1%	+/- 0.3%
Carbon Monoxide	0-9.999%	0.001%	+/- 5 ppm or 5%
Nitric Oxide	0-5,000ppm	1 ppm	+/- 5 ppm to 5%
Carbon Dioxide	0-25%	0.1%	Calculated
NOX	0-5250ppm	1 ppm	Calculated
CO/CO2 Ratio	0-0.999	0.001	Calculated
Combustion Eff.	0-100%	0.1%	Calculated

### Pressure Measurement

Selectable Ranges	mbar, kPa and inH2O
Range	-120 inH2O to 120 inH2O
Resolution	0.001 inH2O
Accuracy	+/- 0.5% fsd

### 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)

**A787 Soft Carrying Case**



**A770 Flue Probe**



**GK11M K-type thermocouple**



**A615 Stainless Steel Hose w/ Fittings**



**A784 Flow Regulator**



**A740 Infrared Printer**



**A763 Mini pump protection filter**



**A762 In-Line Filter Complete**

