

715 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
- Built-in differential thermometer
- Measure NO (Nitric Oxide), Calculate NOx
- Store function to save up to 10 readings
- Calculates combustion efficiency
- Pump driven for fast response
- Push on fittings for fast and easy use
- Large easy to read backlit display
- 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



Specifications

Instrument

Operating Temperature Range	14°F to +122°F (-10°C to +50°C)
Battery / Battery Life	AA (3) / > 6 Hours
Charger Input Voltage	12VDC (Cigarette lighter adapter incl.)
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	10 sets of readings
Time & Date	24 Hour Real Time Clock
Dimensions	7.8" x 3.5" x 2.4"
Weight	1.1lbs

Gases

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

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



A763 Mini pump protection filter

