715K3
Data Sheet
02.11

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 performfuel selectionduring 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 toperform 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

Specifications

Instrument

Operating Temperature Range	14°F to +122°F (-10°C to +50°C)
Battery / Batery 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	10 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	0-9.999%	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

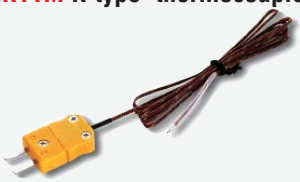
Temperature Measurement

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



A615 Stainless Steel Hose w/ Fittings

A784 Flow Regulator

A740 Infrared Printer

A763 Mini pump protection filter

A762 In-Line Filter Complete

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