715
High CO Combustion Analyzer with NO / NOx

Features

QUICK AND SIMPLE SET UP All TPI analyzers feature quick and simple set up. Fast purge and the ability to perform fuel selectionduring 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 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
- Optional 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

715 Contents

715 Combustion Analyzer

A787 Soft Carrying Case

GK11M K-type thermocouple

A763 Mini pump protection filter

A770 Flue Probe

Specifications

Instrument

Operating Temperature Range	14°F to +122°F (-10°C to +50°C)
Battery / Batery Life	AA (3) / > 6 Hours
Charger Input Voltage	12VDC (Cigarette ligher adapter incl.)
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
Data Logging	400 sets of readings
Single Logging	150 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

Pressure Measurement

Selectable Ranges	mbar, kPa and inH2O
Range	-120 inH$_2$O to 120 inH$_2$O
Resolution	0.001 inH$_2$O
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)