



The 717 has a built-in magnet for hands free use

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.

- Built-in differential manometer with 0.001" H2O resolution
- Calculates combustion efficiency
- Pump driven for fast response
- 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 100 readings
- Push on fittings for fast and easy use
- Large easy to read backlit display
- 11 selectable fuels

717 Combustion Analyzer with smart sensors



Temperature Measurement

Input Type
Range
Resolution
Accuracy

Field Replaceable O2 & CO Sensors

Specifications

Instrument

Operating Temperature Range

Battery / Batery Life

Fuels

Units of Pressure

Display

Data Storage

Time & Date

Dimensions

Weight

Pressure Measurement

Selectable Ranges

14°F to +122°F (-10°C to +50°C)

AA (3) / > 6 Hours

Natural Gas, LPG, Light Oil, Heavy Oil, Bituminous Coal, Anthracite Coal, Coke, Butane, Wood, Wood Pellet, Bagasse

mbar, kPa & inH2O

3 Line Backlit LCD w/ annunciators

100 sets of readings (10 sets for CO room test)

24 Hour Real Time Clock

7.8" x 3.5" x 2.4"

1.1lbs

Temperature Measurement

Range
Resolution
Accuracy

mbar, kPa and inH2O

-120 inH2O to 120 inH2O

0.001 inH2O

+/- 0.5% fsd

K-Type thermocouple

-58°F to 1832°F (-50°C to 1000°C)

1°F (1°C)

+/- (0.3% of rdg + 2°F) or +/- (0.3% of rdg + 1°C)

A787 Soft Carrying Case



A770 Flue Probe



A774 Silicone Tubing



A763 Mini pump protection filter



GK11M K-type thermocouple



TPI 717 makes field sensor replacement simple. Pre-calibrated oxygen and carbon monoxide smart sensors enable users to perform sensor replacement without having to perform calibration. Simply remove the old sensor, install the new sensor, and wait 24 hours for sensor stabilization. Once the 717 is turned on calibration data is automatically transferred to the analyzer.

A760S Smart CO Sensor

Pre-calibrated smart CO sensor



A761S Smart O2 Sensor

Pre-calibrated smart O2 sensor



Smart sensor access panel removes with the turn of a screw and provides ample working room for sensor replacement.



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