

## **716N** Combustion Analyzer

716N **Data Sheet** 06.12

# **Test the TPI Advantage**

**Operating Temperature Range** 

Battery / Batery Life

Charger Input Voltage

#### **Features**

**QUICK AND SIMPLE** 

**SET UP** All TPI analyzers feature guick 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.

- Built-in differential manometer with 0.001" H2O resolution
- Measure NO (Nitric Oxide), Calculate NOx
- Calculates combustion efficiency
- Data Logging with time and date stamp
- Will not shut off if 15 ppm CO is present for increased safety
- Communicate to a PC via the USB interface
- 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
- Push on fittings for fast and easy use
- Large easy to read backlit display
- Ten selectable fuels



06 19	Fuels
000m % % % % % 000m 000m	Units of Pressure Display Data Storage Data Logging Single Logging Time & Date Dimensions Weight
	Gases
	Oxygen

Instrument

### Carb Nitri Carb NOX CO/0 Com

#### **Specifications**

14°F to +122°F (-10°C to +50°C)
Rechargeable Ni-MH / > 6 Hours
115V or 230V : 50/60 Hz AC
Natural Gas, LPG, Light Oil, Heave
Oil, Bituminous Coal, Anthracite
Coal, Coke, Butane, Wood, Bagas
mbar, kPa & inH20
8 line graphical LCD Backlit
100 sets of readings
400 sets of readings
150 sets of readings
24 Hour Real Time Clock
7.8" x 3.5" x 2.4"
1.1lbs

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es	Range	Resolution	Accuracy		
gen	0-25%	0.1%	+/- 0.3%		
bon Monoxide	0-10,000 ppm	1 ppm	+/- 5 ppm or 5%		
ic Oxide	0-5,000ppm	1 ppm	+/- 5 ppm to 5%		
bon Dioxide	0-25%	0.1%	Calculated		
K	0-5250ppm	1 ppm	Calculated		
CO2 Ratio	0-0.999	0.001	Calculated		
nbustion Eff.	0-100%	0.1%	Calculated		
Leak Sensor 100-10.000ppm (calibrated to methane)					

Gas Leak Sensor 100-10,00

#### **Temperature Measurement**

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mbar, kPa and inH20	Input Type	K-Type thermocouple
-120 inH20 to 120 inH20	Range	-58°F to 1832°F (-50°C to 1000°C)*
0.001 inH20	Resolution	1°F (1°C)
+/- 0.5% fsd	Accuracy	+/-(0.3% of rdg+2°F) or +/-(0.3% of rdg+1°C)

A787 Soft Carrying Case

7101

A776 Static Tip (2)

A603 Brass Hose

Barb Fitting (2)

**Pressure Measurement** 

Selectable Ranges

Range

Resolution

Accuracy

**A770** Flue Probe

GK11M K-type thermocouple A774 Silicone Tubing

A611 Gas Valve **Pressure Adapter** 

A806 Combustible **Gas Leak Probe** 

A791 Adapter tubing



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## **Test the TPI Advantage**

