



715 High CO & NOX Combustion Analyzer

**New!
Four
Tools in
One!!**

The TPI 715 is an all in one instrument designed to maximize diagnostic efficiency and accuracy.

**Ask about
the optional
A740
Infrared
Printer.**

Turn over for technical information and accessory part numbers.

NOTE: When selecting oil as fuel be sure to use the optional oil filter or reading could become erratic. Order item A773.

**The
Value
Leader™**



4.0" w x 8.12" h x 2.25" d

715 Four Units in One

1. Combustion Efficiency Analyzer

- Measure O₂, CO, and NO
- Calculate CO₂, NOX, efficiency, excess and air ratio
- Will work with high efficiency furnaces, hot water heaters, and other combustible gas appliances.

2. NO & NOX Analyzer

- Measure 0 ~ 5,000ppm NO
- Calculate 0 ~ 5, 250ppm NOX

3. CO Analyzer

- Measure 0-10% CO

4. Differential Thermometer

- Dual input K-type thermocouple temperature tester

NOTE: If you are working in the oil and gas industry or tuning compression engines you must use TPI's 715K3 kit.



715 FEATURES

- Easy to use
- Large, easy-to-use display
- Print real-time or stored readings, Save 10 sets of data
- 12V car power adapter
- IR printer port
- Protective rubber boot included

715 ACCESSORIES

CO Sensor, Oxygen Sensor, NO Sensor Protective Boot, Stack Probe, PVC Tubing, Water/filter trap on Stack Probe, Shoulder Strap Carrying Case, Spare Particle Filters, Rechargeable Batteries

715 OPTIONAL ACCESSORIES

- A740** IR Printer
- A767** IRDA Adapter for Data Logging
- A773** Sulfur Filter for Oil

A740 Infrared Printer

- Easy to use
- Battery operated
- Self test facility
- Adjustable contrast
- Manual paper feed
- Maximum transmitting distance 16"(45cm)
- Compatible with most other combustion analyzers



3.0" w
x 6.0 h
x 1.75" d





715 HIGH CO & NOX ANALYZER

TECHNICAL SPECIFICATIONS AND ACCESSORIES

- Digital Multimeters
- Clamp Meters
- Hand-held Oscilloscopes
- Refrigerant & Combustible Gas Leak Detectors
- Temperature Testers
- BNC Coax Cable Connectors
- Test Leads
- Accessories

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Temperature Measurement

Range	-50° to 1832°F, or -50° to 1,000°C
Resolution	1°F or C
Accuracy (K-type)	±0.3% of Full Scale

Nitric Oxide Measurement

Range	0 to 5,000ppm
Resolution	1ppm
Accuracy	<100ppm: ±5ppm <1000ppm ±5% >1000ppm: ±10%

NOX Measurement

Range	0 to 5, 250
Resolution	1ppm
Accuracy	Calculated

Gross/Net Efficiency

Range	0 to 100%
Resolution	0.1%
Accuracy	Calculated

Oxygen (O₂) Measurement

Range	0 to 25%
Resolution	0.1%
Accuracy	±0.3%

Carbon Monoxide (CO) Measurement

Range	0 to 9.999%
Resolution	0.0001%
Accuracy	<1.0% CO: ±5% + 5 digits <5.0% CO: ±7% + 5 digits >5.0% CO: ±10% + 5 digits

Carbon Dioxide (CO₂)

Range	0 to 25%
Resolution	0.1%
Accuracy	Calculated

CO/CO₂ Ratio

Range	0 to 0.9999
Resolution	0.0001
Accuracy	Calculated

Instrument Specifications

Operating Temperature Range	14° to 122°F (-10° to 50°C)
Battery	4AA Batteries
Fuels	Natural Gas, LPG, Light Oil, Heavy Oil
Display	Backlit LCD
Data Storage	10 sets of readings
Time & Date	24 Hour Real Time Clock
Dimensions	200mm x 90mm x 60mm
Weight	500g
Switch Off	Failsafe
Exhaust	Safety Spigot
Conforms To:	BS7927 (and the draft BS7967)

ACCESSORIES

Standard

Flue Temperature Probe w/K-type	A742
K-Type Temperature Probe	GK11M
In-Line Filter Complete	A762
Mini Pump Protection Filter Assembly	A763
Rubber Boot	A765
Soft Carrying Case	A768
Exhaust Spigot	A764

Optional

20 Foot Flue Gas Analyzer Probe	A770-20
Infrared Printer	A740

NOTE: When selecting oil as fuel be sure to use the optional oil filter or reading could become erratic. Order item A773.



Distributed By:

To learn about the entire line of TPI products visit:

www.tpi-thevalueleader.com

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