



715K3 High CO & NOX Analyzer Kit

**Designed for
use in the
oil and gas
industry.**

**Tune
compressor
engines.**



4.0"w x 8.12"h x 2.25"d



1. Combustion Efficiency Analyzer

- Measure O₂, CO, and NO
- Calculate CO₂, NOX, efficiency, excess and air ratio
- Designed for combustion engines, tune compressor engines,

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

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

**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™**

**Turn over for
technical
information
and accessory
part numbers.**

715K3 Kit Includes

STANDARD ACCESSORIES

PART

Stainless Steel Hose w/ Fittings	A607
715 High CO Analyzer	715
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
Infrared Printer	A740
Flow Regulator	A784

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



visit us at www.tpi-thevalueleader.com



TECHNICAL SPECIFICATIONS AND ACCESSORIES

**CO, Combustibles &
Combustion (CEA)**

**Refrigeration Leak
Detectors**

Digital Manometers

**Temperature Contact
& IR Instruments**

**Handheld
Oscilloscopes**

**Digital Multimeters
& Clamp-on Meters**

Accessories & Kits

Test Products

International, Inc.

Headquarters:
9615 SW Allen Blvd.
Beaverton, OR 97005
USA
503-520-9197
Fax: 503-520-1225
email:
info@tpi-thevalueleader.com

Test Products

International, Ltd.

342 Bronte St. South
Unit 9
Milton, Ontario L9T
5B7
Canada
905-693-8558
Fax: 905-693-0888
email:
info@tpicanada.com

Test Products

International UK Ltd.

Longley House, East Park
Crawley, West Sussex
RH10 6AP England
Tel: +44 (0)1293 561212
Fax: +44 (0)1293813465
contactus@tpieurope.com

715K3 HIGH CO & NOX ANALYZER KIT

Temperature Measurement

Range	-58° 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 (Specs same as NO)

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	0.001%
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	3AA 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

Stainless Steel Hose with Fittings	A607
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Mini Pump Protection Filter Assembly	A763
Rubber Boot	A765
Soft Carrying Case	A768
Exhaust Spigot	A764

Optional

Infrared Printer	A740
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To learn about the entire
line of TPI products visit:

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