



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



715K3 HIGH CO & NOX ANALYZER KIT

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

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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
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

Infrared Printer	A740
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