714 Flue Gas Analyzer with NOX

New Five Tools ir One

The TPI 714 is an all in one instrument designed to maximize diagnostic efficiency and accuracy.

Ask about the optiona Printer

Turn over for technical information and accessory part numbers.

er item A773



4.0"w x 8.12"h x 2.25"d

714 Five Instruments in One

1. Combustion Efficiency Analyzer

- Measure 02, 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 0-10,000 ppm CO

4. Differential Thermometer

• Dual input K-type thermocouple temperature tester

5. Differential Digital Manometer

• Dual input differential manomoter with 3 selectable units of measure: kPa, mBar, inH20



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



visit us at www.tpi-thevalueleader.com

714 FEATURES

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

714 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**

714 OPTIONAL ACCESSORIES

A740 IR Printer **A767** IRDA Adapter for Data Logging A773 Sulfer Filter

714 CO & NOX ANALYZER

TECHNICA **SPECIFICATIONS** ΔΝΓ ACCESSORIES

70

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

Test Products International, Inc.

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Accuracy

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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

Temperature Measuren	nent
Range	-50° to 1000°F, or -45° to 540°C
Resolution	1°F or C
Accuracy (K-type)	±0.3%, ±2°F or ±1°C
Draft/Pressure Measur	ement
Selectable Ranges	mBar,kPa, and inH ₂ O
Ranges	-150 mBar to +150 mBar
	-15 kPa to +15 kPa
	-60 inH ₂ O to +60 in H ₂ O
Resolution	0.01mBar
Accuracy	±0/5% fsd
Nitric Oxide Measurem	
Range	0 to 5,000ppm
Resolution	1ppm
Accuracy	<100ppm: ±5ppm
	<1000ppm ±5%
	>1000ppm: ±10ppm
NOX Measurement	
Range	0 to 5, 250
Resolution	1ppm
Accuracy	Calculated
Gross/Net Efficiency	
Range	0 to 100%
Resolution	0.1%
Accuracy	Calculated
Oxygen (0 ₂) Measurem	ont
Range	0 to 25%
Resolution	0.1%
Accuracy	±0.3%
Carbon Monoxide (CO)	
Range Recolution	0 to 10,000 ppm
Resolution	1 ppm <100 ppm CO: ±5 ppm
Accuracy	<100 ppm CO: ±5 ppm >100 ppm CO: ±5% of reading
	2100 ppm 00. ±070 01 reading
Carbon Dioxide (CO ₂)	
Range	0 to 25%
Resolution	0.1%
Accuracy	Calculated
00/000 D-41-	
CO/CO2 Ratio	0 to 0 000
Range Resolution	0 to 0.999 0.001

Calculated

ent Snecifications

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

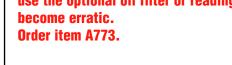
Standard		
Flue Probe w/K-type	A742	
K-Type Temperature Probe	GK11M	
In-Line Filter Complete	A762	
Mini Pump Protection Filter Assembly	A763	
Rubber Boot	A765	
Soft Carrying Case	A768	
Exhaust Spigot	A764	
(2) Static Tips	A776	

A770-20 A740

Optional

20 Foot Flue Gas Analyzer Probe Infrared Printer

NOTE: When selecting oil as fuel be sure to use the optional oil filter or reading could





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To learn about the entire line of TPI products visit:

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