712 Flue Gas Analyzer

4.0"w x 8.12"h x 2.25"d

Five Tools in One!

1. Combustion Efficiency Analyzer
- Measure O_2 and CO
- Calculate CO_2, efficiency, excess air and ratio.
- Will work with high efficiency furnaces, hot water heaters, and other combustible gas appliances.

2. Combustible Gas Detector
- Set at 100 ppm sensitivity for natural gas

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, inH_2O

3-YEAR LIMITED WARRANTY

712 FEATURES
- Easy to use
- Large, easy-to-read display
- Data log up to ten sets; timed logging 400 sets
- PC interface
- IR printer port
- Protective rubber boot included

712 ACCESSORIES

CO Sensor, Oxygen Sensor, Protective Boot, Stack Probe, PVC Tubing, Water/filter trap on Stack Probe, Shoulder Strap Carrying Case, Spare Particle Filters, AC/DC Adapter, Rechargeable Batteries

712 OPTIONAL ACCESSORIES
A740 IR Printer
A767 IRDA Adapter for Data Logging
A773 Sulfer Filter

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-YEAR LIMITED WARRANTY

3.0"w x 6.0 h x 1.75"d

712 Flue Gas Analyzer

Temperature Measurement

Range	-40° to 1472°, or -40° to 800°C
Resolution	1°F or C
Accuracy (K-type)	±0.3%, ±2°F or ±1°C

Draft/Pressure Measurement

Selectable Ranges	mBar,kPa, and inH_2O
Ranges	-150 mBar to +150 mBar
	-15 kPa to +15 kPa
	-60 inH_2O to +60 in H_2O
Resolution	0.01mBar
Accuracy	±0/5% fsd

Gross/Net Efficiency

Range	0 to 100%
Resolution	0.1%

Oxygen (O_2) Measurement

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

Carbon Monoxide (CO) Measurement

Range	0 to 10,000 ppm
Resolution	1 ppm
Accuracy	±5 ppm or 5%, whichever is greater

Carbon Dioxide (CO_2)

Range	0 to 25%
Resolution	0.1%
Accuracy	Calculated

CO/CO2 Ratio

Range	0 to 0.999
Resolution	0.001
Accuracy	Calculated

Instrument Specifications

Operating Temperature Range	14° to 122°F (-10° to 50°C)
Battery	Rechargeable Ni-MH, >6 Hour Life
Charger Input Voltage	115V or 230V : 50/60 Hz AC
Fuels	Natural Gas, LPG, Light Oil, Heavy Oil
Display	Backlit LCD
Data Storage	10 sets of readings
Data Logging	400 sets of readings on
	'Timed Interval Logging'
Time & Date	24 Hour Real Time Clock
Dimensions	200mm x 90mm x 60mm
Weight	500g
Exhaust	Safety Spigot
Conforms To:	BS7927 (and the draft BS7967

ACCESSORIES
Standard

Flue Probe w/K-type	A770
K-Type Temperature Probe	GK11M
In-Line Filter Complete	A762
Mini Pump Protection Filter Assembly	A763
Battery Charger	A766
Protective Boot	A765
Soft Carrying Case	A768
Exhaust Spigot	A764
(2) Static Tips	A776

Optional

Infrared Printer	A740
PC Software	A772
IRDA-RS232C Adapter	A767
20 Foot Flue Gas Analyzer Probe	A770-20
Replacement Printer Paper (10 rolls)	A746
Oil Filter	A773

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

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