



EOS Digital long Life Combustion Analyzer



Functions

- Measures CO₂, CO, flue temperature
- Calculates: O₂, gross/net efficiency, excess air, CO air free

Features

- Unique DMM style rotary selector
- Magnetic boot
- Real time clock
- CO readings to 1 ppm
- Large 2 line backlit display
- Infrared printer port
- User programmable header
- 20 memory position
- 5-Year limited warranty (includes sensors)

Applications

Confirm set up parameters (to manufacturers specifications)
Verify proper combustion, equipment efficiency and integrity
Analyze combustion gas makeup and stack gases
Measure temperatures for live fire of gases
Document equipment performance before and after servicing tests to show compliance
Perform safety checks





Includes

- Combustion Analyzer (C85)
- 12" Flue probe w/ 10" hose (KMCP2)
- Soft carrying case
- Inlet tube/ probe connector (SM11103)
- Particle filter (17631)
- Owners manual (17093)

Specifications

Parameter	Range	Resolution	Accuracy
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Temperature Measurements

Flue Temperature	32° - 1112°F (0° - 600°C)	1.0° F/C	±(0.3% reading+3.6°F(2.0°C))
Inlet Temperature (Internal sensor)	32° ~ 122 °F (0°-50°C)	1.0° F/C	±(0.3% reading+1.8°F(1.0°C))
Inlet Temperature (Internal sensor)	32° - 1112°F (0° - 600°C)	1.0° F/C	±(0.3% reading+3.6°F(2.0°C))

Gas Measurements

Carbon Monoxide (CO)	0 - 60 ppm	1ppm	±3ppm
	61 - 2,000ppm nom	1ppm	±5% of reading
	4,000ppm max for 15 mins	1ppm	Not Specified
Carbon Dioxide (CO2)	0 - 20%	0.10%	±0.3% volume

Calculations

Oxygen (O2)	0 - 21%	0.10%	±0.3%
Efficiency	0 - 99.9%	0.10%	±1.0% of reading
Excess Air	0 - 250%	0.10%	±0.2% of reading
CO/CO2 ratio	0 - 0.999	0.0001	±5% of reading
Pre-programmed Fuels	Natural gas, Propane, Butane, LPG, Light Oils (28/35 sec), Wood Pellets		
Storage Capacity	20 Combustion tests		

Downloads



Manual



Data Sheet

H85-902



Made in UK