



Hand-held Industrial Combustion Analyzer w/ Wireless Communication Option



Functions

- Measures: O2 0 to 21%
- Measures: CO 0 to 4,000 ppm (hydrogen compensated)
- Measures: differential pressure
- Measures: temperature inlet/ flue gas/ differential
- Calculates: CO2
- Calculates: CO/ CO2 ratio
- Calculates: excess air
- Calculates: combustion efficiency
- Choice of 5 additional sensors

Features

- Infrared printer link with customized printer head
- Logs and stores 150 test results
- Large character display
- Supplied with fluoro plastic lined flue probe
- 16.5 probe
- Fuel types: Natural gas, butane, propane, LPG, 28 sec oil, 35 sec oil, heavy fuel, solid fuel, user fuel
- 1-Year limited warranty

Applications

Installation, commissioning and service of industrial/ commercial oil, gas or biomass appliances
Safety checks - CO in a room or around appliance
Combustion performance checks
Combustion efficiency checks
Flue draft





Includes

- Combustion Analyzer (K905)
- Probe
- Charger
- Manual
- Calibration report
- Carrying case

Specifications

Temperature Measurement	Resolution	Accuracy	Range
Temperature Flue Gas	0.1° F/C	±3.6°F (2.0°C) ±0.3%/reading	32° to 2200°F (0° to 1200°C) with suitable probe
Temperature Inlet	0.1° F/C	±1.8°F (1.0°C) ±0.3%/reading	32° to 122°F (0° to 50°C)

Gas Measurement	Resolution	Accuracy	Range
Oxygen	0.10%	±0.2%	0 to 25%
CO (H2 compensated)	1 ppm	±5 ppm <100 ppm ±20 ppm <400 ppm ±5% >400 ppm	0 to 4,000 ppm (hydrogen compensated)
Carbon Monoxide	1 ppm	±20 ppm <400ppm ±5% <5000 ppm ±10% >5000 ppm	0 to 100,000 ppm
Nitric Oxide (low range)	1 ppm	±3 ppm <20 ppm ±5 ppm <100 ppm	0 to 100 ppm
Nitric Oxide (optional)	1 ppm	±5 ppm <100 ppm ±5% >100 ppm	1 to 5,000 ppm
Nitrogen Dioxide (optional)	1 ppm	±3 ppm <20 ppm ±5 ppm <100 ppm	100 ppm
Sulfur Dioxide (optional)	1 ppm	±5 ppm <100 ppm ±5% >100 ppm	0 to 5,000 ppm
Pressure	0.1 mBar	±5.0% full scale	150 mBar
Carbon Dioxide (calculated)	0.10%	±0.3/reading	0 to 99.9%
Losses (calculated)	0.10%	±1.0%/reading	0 to 99.9%
Efficiency (calculated)	0.10%	±1.0%/reading	0 to 99.9%
Excess air (calculated)	0.10%	±1.0% /reading	0 to 2885%
Temp (Nett) (calculated)	1.0° F/C	0.20%	32° to 2200°F (0° to 1200°C)
CO/CO2 ratio (calculated)	0.0001	±0.0001	0 to 0.9999
Poison index (calculated)	0.01%	±0.01	0 to 99.99

Downloads



Data Sheet



Made in UK