

Parameter	Range	Resolution	Accuracy
Flue Temperature	0-600°C	0.1°C	±2.0°C ±0.3% reading
Inlet Temperature (Internal Sensor)	0-50°C	0.1°C	±1.0°C ±0.3% reading
Inlet Temperature (External Sensor)	0-600°C	0.1°C	±1.0°C ±0.3% reading
Inlet Temperature (External Sensor)	0-600°C	0.1°C	±2.0°C ±0.3% reading
Oxygen ^{*2}	0-21%	0.1%	±0.3% ^{*1}
Carbon monoxide	0-20ppm 21-2000ppm nom 4,000ppm max for 15 mins	1ppm	±0.3% ^{*1} ±3ppm ±5% reading
Carbon dioxide	0-20%	0.1%	±0.3% reading
Efficiency (Net or Gross) ^{*2}	0-99.9%	0.1%	±1.0% reading
Efficiency High (C) ^{*2}	0-119.9%	0.1%	±1.0% reading
Excess Air ^{*2}	0-250%	0.1%	±0.2% reading
CO/CO ₂ ratio ^{*2}	0-0.999	0.0001	±5% reading
Nominal range ±160mBar Maximum over range without damage to sensor is ±800mBar	±0.2mBar ±1 mBar ±160mBar	Maximum 0.001 mBar <25 mBar	±0.005 mBar ±0.03 mBar ±3% of reading

Pre-programmed Fuels	Natural gas, Propane, Butanem LPG, Light Oils (28/35 sec), Wood Pellets
Ambient Measurements	
Carbon Monoxide	As above
Carbon Dioxide	0 to 5000ppm 1ppm ±5% reading 5001 to 9999ppm 5ppm ±8%reading
Storage Capacity	99 Combustion tests 20 Pressure tests 20 Tightness tests 20 Temperature tests 20 Room CO tests 20 Ambient tests up to 240 times tests (one sequence only)

^{*1} Using dry gases at STP

^{*2} Calculated

Ambient Operating Range	Temperature - 0°C to 40°C Humidity - 10% to 90% RH non-condensing Atmospheric Pressure - 860 to 1060hPa
Battery Type / Life	4AA cells >8 hours using Alkaline AA cells
Chargers (optional)	220v charger, for NiMH batteries only 12v in vehicle charger, for NiMH batteries only
Dimensions	Weight - 0.8kg handset with protective cover Handset - 200 x 45 x 90mm Probe - 300mm long including handle. 6mm diameter x 240mm long stainless steel shaft with 3m neoprene hose. Type K thermocouple