

V. Specification

Instrument

Operating temperature range	-10°C to 50°C (14°F to 122°F)
Battery	Lithium-Ion. Life up to 9 hours dependant on test used. 15% left warning.
Recharge time	Minimum 6 hours from flat.
Charger input voltage	230 V; 50 Hz AC
Standard Fuels	Natural gas, LPG, heavy oil, light oil, coal, wood, coke, Biomass and Bagasse
Display	Back lit segment and matrix combined LCD
Menu	Intuitive structure, tab selection on screen
Dimensions	75 x 168 x 65 mm
Function buttons/key pad	5 button keypad
Weight	440 g (0.97lbs)
Pump	Flow fail indication, SmartPurge
Enclosure	Integrated robust protective case Protective rubber boot with integral magnets
Standards	BS7927, EN50379, BS7967

Gases

Range Display	Resolution	Accuracy	Detection limit	Response time (t90)	Recovery time	Diagnostics
Oxygen 0-25%	0.1%	± 0.2%	0.3% v/v	50 sec	30 sec	✓
Carbon mon-oxide 0-10,000ppm	1ppm	<20ppm; ±3ppm >20ppm; ±3%	1ppm	90 sec	60 sec	✓
Carbon dioxide (Calculated) 0-25%	0.1%	±0.2% v/v	0.2% v/v	50 sec	30 sec	
CO/CO2 Ratio 0 to 0.9999	0.0001					

Other Measurements

Measurement	Range
Temperature (selectable °C or °F)	-50° to 1100°C (-58° to 2012°F)
Efficiency	0-100% (net or gross selectable)
XSAir	0-100%

Communications

IR Port