



KANE900 PLUS

Parameter	Resolution	Accuracy	Range
Temp Measurement			
Flue Temperature	0.1°C/F	+2.0°C +0.3% reading	0-1200°C/32-2200°F with suitable probe
Inlet Temperature	0.1°C/F	+1°C+0.3% reading	0-50°C/32-122°F
Pressure (optional)	0.1mbar	+2% of full scale	+150mbar to -150mbar
Gas Measurement *1			
Oxygen	0.1%	+0.2%	0-25%
Carbon Monoxide (standard H compensated)	1ppm	+20ppm <400ppm +5% <5000ppm +10% >5000ppm	0-10,000ppm
Carbon Monoxide, (high range)	0.01%	+5% reading from 0.1% to 10%	0-10%
Nitric Oxide (standard)	1ppm	+5ppm <100ppm*1 +5% >100ppm	0-5000ppm
Nitrogen Oxide (low range)	1ppm	+2ppm <30ppm +5ppm >30ppm	0-1000ppm
Nitrogen Dioxide	1ppm	+5ppm <100ppm	0-100ppm
Sulphur Dioxide	1ppm	+5ppm <100ppm +5% >100ppm	0-500ppm

Calculations	Resolution	Accuracy	Range
Carbon Dioxide*2	0.1%	+0.3% reading	0-99.9%
Losses	0.1%	+1.0% reading	0-99.9%
Efficiency	0.1%	+1.0% reading	0-99.9%
Excess Air	0.1%	+0.2%	0-2885.0%
Temp (Nett)	1.0°C/F	+2°C +0.3% reading	0-600°C/32-1112°F
CO/CO2 ratio	0.0001	+0.0001	0-0.9999
Poison Index	0.01%	+0.01	0-99.99

*1 Using dry gases at STP *2 Calculated

Pre-programmed Fuels	Natural gas, Town gas, Gascor, Light Oil, Heavy Oil, Propane, Butane, Anthracite, Coke, Coal, Kinsale Gas.
Dimensions	
Weight	1kg
Handset	220mm x 55mm x 120mm
Probe	L240mm x Dia8mm with 285mm long stainless steel shaft, type K thermocouple and 1.5m long neoprene hose
Ambient Operating Range	-5°C to +50°C/10% to 90% RH non condensing
Power Supply (battery charger)	Input: 110Vac/220 Vac nominal Output: 12 Vac off load
Battery Life	>6 hours from full charge