



KANE455 OIL KIT

Parameter	Range	Resolution	Accuracy
Temp Measurement			
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	±2.0°C ±0.3% reading
Gas Measurement			
Oxygen*2	0-21%	0.1%	±0.3%*1
Carbon monoxide	0-20ppm 0-2,000ppm nom 4,000ppm max for 15 mins	1ppm	±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/CO2 ratio *2	0-0.999	0.0001	±5% reading
Pressure (differential)			
Nominal range ±90mBar	±0.2 mBar	0.001 mBar < 25mBar	±0.005 mBar
Maximum over range without damage to sensor is ±400mBar	±1 mBar		±0.03 mBar
	±80 mBar		±3% of reading

*1 Using dry gases at STP - *2 Calculated

Pre-programmed Fuels	Natural gas, Propane, Butane, LPG Light Oils (28/35 sec), Wood Pellets
Storage Capacity	99 Combustion tests 20 Pressure tests 20 Tightness tests 20 Temperature tests 20 Room CO tests
Ambient Operating Range	0oC to +40oC 10% to 90% RH non-condensing
Chargers (optional)	220v charger, for NiMH batteries only 12v in-vehicle charger, for NiMH batteries only
Dimensions Weight: Handset: Probe:	0.8kg handset with boot 200 x 45 x 90mm 300mm long including handle. 6mm diameter x 240mm long stainless steel shaft with 3m long neoprene hose. Type K thermocouple