

KANE501C Performance Tester

it's easy with Kane

GAS ANALYSERS



501C

CO₂
O₂

- Ideal for testing CO₂ levels on domestic or commercial boilers
- The electronic replacement for 'wet chemical' kits

Features:

- Continuous Real Time analysis
- NEW Infra-Red Technology
 - Direct CO₂ Measurement
 - No Electro - Chemical Sensor
- Extended Long Life CO₂ Sensor

Pre-Programmed Fuels:

- Natural Gas, Propane, Light Oil, Heavy Oil, Wood and Coal

Includes:

- Flue Probe
- Manual
- Calibration Certificate

Measures:

- Carbon Dioxide CO₂
- Flue Temperature
- Ambient Temperature

Calculates:

- Oxygen O₂
- Efficiency (Nett) Condensing
- Excess Air
- Nett Temperature

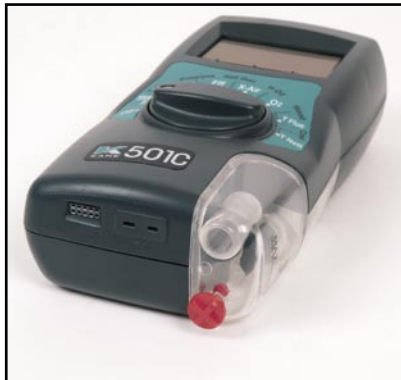


Technical Specifications KANE501C

Parameter	Resolution	Accuracy	Range
Temp Measurement			
Flue Temperature	0.1 °C	±0.3% reading ± 2 °C	0 - 600 °C
Temp (Net)**	0.1 °C	±0.3% reading ± 2 °C	0 - 600 °C
Gas Measurement			
Carbon Dioxide*	0.1%	± 0.2%	0 - 20%
Efficiency**	0.1%	-	0 - 110 %
Oxygen*	0.1%	-	0 - 25%
Excess Air***	0.1%	-	0 - 250%

Parameter	Description
Pre-Programmed Fuels	Natural Gas, Propane, Light Oil, Heavy Oil, Wood, Coal.
Dimensions: Weight	0.5 kg
Handset	175 x 45 x 80mm
KMCP71 Probe	6 mm diameter x 250 mm long stainless steel shaft with 1 m long neoprene hose. Type K Thermocouple
Ambient Operating Range	0 °C to 45 °C 10% to 90% RH non-condensing 850 to 1100 mbar atmospheric pressure
Power Supply	4 AA 1.5 Volt
Battery Life	>8 hours using Alkaline AA cells

* Using dry gases at STP
 ** Calculated
 *** Calculated assuming fuel lean combustion



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The KANE501 is for service engineers currently using traditional wet chemical kits, those new to combustion testing, or where the cost of a multi-function analyser may be too much.

Most boilers require testing for CO₂... using the KANE501 makes this easy.

Traditional wet chemical kits take minutes to perform each test and only provide a snap shot of combustion performance. Once boiler adjustments are made the test must be repeated to confirm the final set up. A snap shot of a system's performance is also not actual combustion testing.

The KANE501 provides continuous reading whilst adjustments are made giving you real-time results and saving precious time.

The KANE501 has a simple rotary dial with all measurements clearly identified.

No fiddly buttons and no complicated menus.

Our new Infra-Red CO₂ Sensor eliminates the cost of replacing expensive O₂ sensors and has a proven life of more than 5 years in normal use.

Your distributor

Warranty

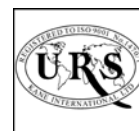
All Kane International Limited products are warranted for 12 months from the date of purchase. This warranty covers any defects in materials or manufacturing.

Kane International Limited specialise in the design, manufacture and marketing of electronic instruments for monitoring and optimising both energy usage and emissions from energy processes. Our Policy is to continuously develop and improve our products and so we reserve the right to change any part of our product specifications without prior notice.



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