



# KANE988+

Industrial Boiler, Engine & HVACR analyser with **KANE LINK™**

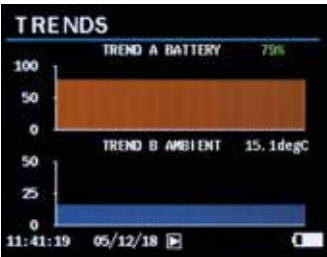
- As KANE988 plus:
- Diagnose engine / exhaust / catalytic converter faults quickly
- Unique Non-Dispersive Infrared (NDIR) sensors designed to meet official test standards
- Identify fuel flow, misfire & EVAP problems
- Pre-compliance & roadside emissions tester - local laws may apply
- Measure Lambda & AFR to improve engine efficiency & fuel consumption
- Test engines under real world conditions
- Take analyser to vehicle, not vehicle to analyser
- Test vehicle A/C & refrigeration systems

**Applications**

- Real time vehicle / engine testing in workshop & on road
- Instant engine, exhaust system & catalytic converter tests
- Vehicle smog checks, tune ups & diagnostics
- Check repair work with before & after test
- Maintain engines to manufacturer specification
- A/C & refrigeration performance & efficiency



Testing engine emissions



Boiler & Engine trend analysis



**Measures (Standard Kit)**

- O<sub>2</sub> 0-21%
- CO 0-10,000ppm H<sub>2</sub> compensated & 100,000ppm
- CO<sub>2</sub> 0-20%
- NO 0-5000ppm
- HC 0-5000ppm
- Option to measure 3 extra gases
- Differential temperature -20 to +135°C
- Differential pressure +/- 160mbar

**Calculates (Standard Kit)**

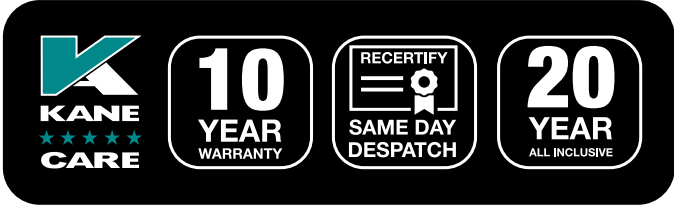
- CO/CO<sub>2</sub> ratio
- Combustion efficiency
- Lambda / AFR 0.8-1.2
- Excess air
- NO<sub>x</sub>
- Superheat & Subcool

**Fuels & Refrigerants**

- 12 standard fuels including: Natural Gas, LPG, Butane, Propane, Light Oil, Heavy Oil, plus 5 user fuels
- 40 refrigerants including: R22, R32, R134a, R290 & R410A

**Features**

- High capacity water trap & particle filter
- 10 year warranty under KANE CARE Service & Recertification - our promise to never let you down or your money back

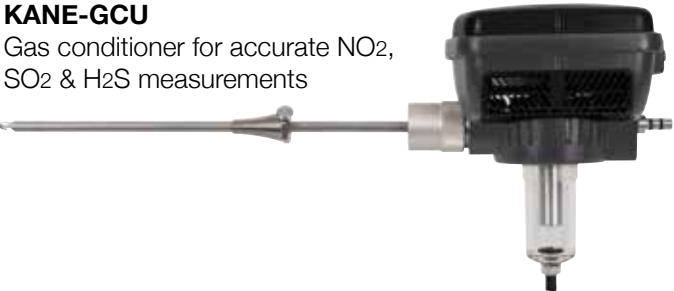


Testing boiler efficiency

**Optional extra:**

**KANE-GCU**

Gas conditioner for accurate NO<sub>2</sub>, SO<sub>2</sub> & H<sub>2</sub>S measurements



## KANE988+ sensor, accessory & LINK options

Sensor options - up to 4	
NO 0-5,000ppm	
NO <sub>2</sub> 0-1,000ppm*	
SO <sub>2</sub> 0-5,000ppm*	
H <sub>2</sub> S 0-200ppm	

**Probe & accessory options**

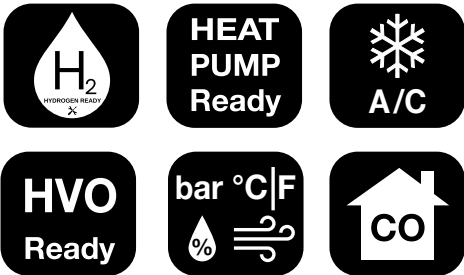
<b>CHSLP5</b> 1m high temperature PTFE lined smoke probe with removeable shaft & 4m neoprene hose	
<b>EP4</b> High temp stainless steel probe for motorcycle exhaust testing with 1.5m tubing & insertion depth of 230mm. Thermocouple to measure exhaust temp	
<b>EP5</b> In cab heater probe with 4m neoprene tubing & insertion depth 350mm	
<b>KMCE10</b> 10m hose & thermocouple extension	
<b>KANE-GCU*</b> Gas conditioning unit	
<b>KANE-IRP3</b> Printer	

**KANE LINK options**

<b>KANE-WPCP2</b> Wireless LINK temp clamp probes - connect as a pair	
<b>KANE-WPP2</b> Wireless LINK pass through pressure probes - connect as a pair	
<b>KANE-DTHA2</b> Wireless LINK airflow, temp & RH	
<b>KANE79</b> Wireless LINK CO monitor to 999ppm - connect up to 4	

## KANE988+

- Industrial Boiler, Engine & HVACR analyser supplied with pressure hose, SM50056 high capacity water trap & filter, CHSP5 & EP2 probe, CU12VDCA21 battery charger, MSC00117 protective pouch & 20106 backpack



Independently tested by TUV SUD to EN50379 Use for BS7967 & TB143