

**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

KANE988+



Industrial Boiler, Engine & HVACR analyser with KANE ™

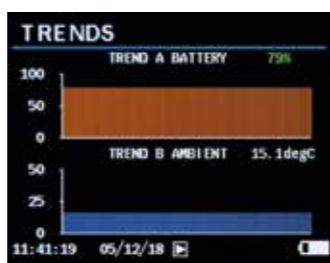
- As KANE988 plus:
- Diagnose engine / exhaust / catalytic converter faults quickly
- Unique Non-Dispersive Infrared (NDIR) sensors designed to meet official test standards
- Identify fuel flow, misfire & EVAP problems
- Pre-compliance & roadside emissions tester - local laws may apply
- Measure Lambda & 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

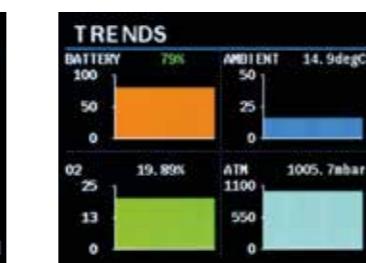
- Real time vehicle / engine testing in workshop & on road
- Instant engine, exhaust system & catalytic converter tests
- Vehicle smog checks, tune ups & diagnostics
- Check repair work with before & after test
- Maintain engines to manufacturer specification
- A/C & refrigeration performance & efficiency



Testing engine emissions



Boiler & Engine trend analysis

**Measures (Standard Kit)**

- O₂ 0-21%
- CO 0-10,000ppm H₂ compensated & 100,000ppm
- CO₂ 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/CO₂ ratio
- Combustion efficiency
- Lambda / AFR 0.8-1.2
- Excess air
- NO_x
- 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_x, SO₂ & H₂S measurements

**KANE988+ sensor, accessory & LINK options****Sensor options - up to 4**

NO 0-5,000ppm	
NO ₂ 0-1,000ppm*	
SO ₂ 0-5,000ppm*	
H ₂ S 0-200ppm	

Probe & accessory options

CHSLP5	1m high temperature PTFE lined smoke probe with removable shaft & 4m neoprene hose
EP4	High temp stainless steel probe for motorcycle exhaust testing with 1.5m tubing & insertion depth of 230mm. Thermocouple to measure exhaust temp

EP5	In cab heater probe with 4m neoprene tubing & insertion depth 350mm
-----	---

KMCE10	10m hose & thermocouple extension
--------	-----------------------------------

KANE-GCU*	Gas conditioning unit
KANE-IRP3	Printer

KANE LINK options

KANE-WPCP2	Wireless LINK temp clamp probes - connect as a pair
------------	---

KANE-WPP2	Wireless LINK pass through pressure probes - connect as a pair
-----------	--

KANE-DTHA2	Wireless LINK airflow, temp & RH
------------	----------------------------------

KANE79	Wireless LINK CO monitor to 999ppm - connect up to 4
--------	--