



# Essential instruments

## KANE988+ Boiler & Engine Analyser

April 2023



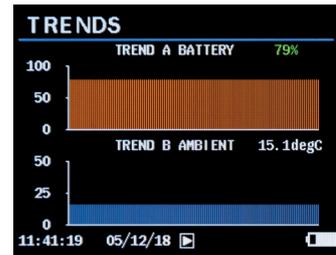
# KANE988+



Testing boiler efficiency

## KANE988+

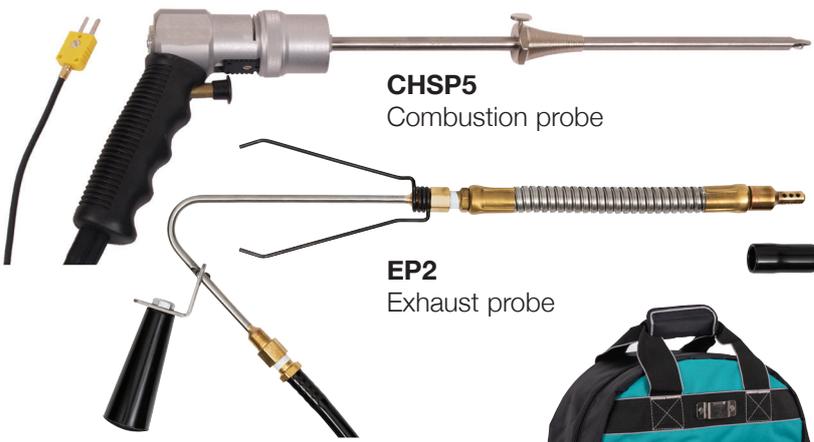
- Boiler & Engine gas analyser supplied with CHSP5 combustion probe & EP2 exhaust probe, CU12VDCA21 charger, 20106 backpack, MSC00017 handset pouch & 2psi pressure sensor & hose



Boiler & Engine trend analysis



Testing engine emissions



**CHSP5**  
Combustion probe

**EP2**  
Exhaust probe



**20106**  
Backpack



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

## Optional extra:

### KANE-GCU\*

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



## Boiler & Engine & A/C Refrigeration Analyser

- Test any size boiler with high suction pump
- Check combustion efficiency, excess air & lambda
- MCERTS (pending) compatible with optional KANE-GCU gas conditioner
- Test engine exhausts & catalytic converters in real world conditions
- Measure AFR & lambda to improve efficiency & fuel consumption
- Pre-compliance & roadside emissions tester - local laws may apply
- Test air conditioning & refrigeration systems
- Calculate A/C Refrigeration superheat & subcool
- Optional KANE-DTHA2 measures in building & vehicle temp, airflow & RH
- Unique NDIR technology designed to meet official test standards
- Measure CO<sub>2</sub>, HC & CO to 10% / 10,000ppm
- Measure O<sub>2</sub> & add up to 4 toxic gas sensors - NO, NO<sub>2</sub>, SO<sub>2</sub> & H<sub>2</sub>S
- Large colour graphic display & memory with easy to use keypad
- KANE LINK devices for temp, pressure, indoor air quality & CO
- Battery powered, rugged & fully portable

### Measures (Standard Kit)

- O<sub>2</sub> 0-21%
- CO 0-10%
- CO 0-10,000ppm
- CO<sub>2</sub> 0-21%
- H<sub>2</sub> compensated
- HC 0-5,000ppm
- Temperature - inlet / flue & exhaust gas / differential / ambient
- High accuracy differential pressure meter +/- 160mbar

### Calculates (Standard Kit)

- CO<sub>2</sub> - 0-99%
- CO/CO<sub>2</sub> ratio
- Excess air
- Combustion efficiency
- NO<sub>x</sub> (if NO sensor fitted)
- Lambda / AFR 0.8-1.2
- NO<sub>x</sub> 0-1500ppm optional
- ACR sub cool & super heat

### Features

- 10 year warranty when serviced & recertified by KANE
- Backed by KANE CARE - We promise to never let you down or your money back

Visit [www.kane.co.uk](http://www.kane.co.uk) for more on all KANE products

## KANE988+ optional extras

### Sensor options - up to 4

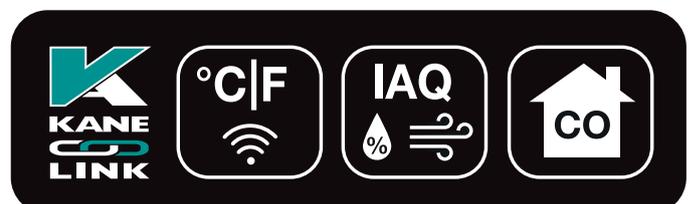
NO 0-5,000ppm	
NO <sub>2</sub> 0-1,000ppm*	
SO <sub>2</sub> 0-5,000ppm*	
H <sub>2</sub> S 0-200ppm	

### Probe & accessory options

CHSP5	285mm high temperature PTFE lined smoke probe with removeable shaft & 4m neoprene hose	
CHSLP5	1m high temperature PTFE lined smoke probe with removeable shaft & 4m neoprene hose	
KMCE10	10m hose & thermocouple extension	
KANE-GCU*	Gas conditioning unit	



### KANE-IRP3 Infra-red printer



\* use KANE-GCU for accuracy



# WE'VE GOT YOUR BACK



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## Customer Service



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