

# KANE457

## Flue Gas Analyser with direct CO & CO<sub>2</sub> measurement with CO sensor protection

- UK's only FGA approved to EN50379 & EN50543
  - Ideal for CMDDA1 investigations
- Structured commissioning test
- Room air quality measurement - Ideal for commercial catering kitchens
- Optional NO / NO<sub>x</sub> measurement
- Wireless data transfer option
- Hydrogen (H<sub>2</sub>) ready – up to 20% blend

### Applications

- Install, commission & service domestic oil & gas appliances
- Check Commercial Catering equipment operates safely
- Safety checks
  - CO & CO<sub>2</sub> in rooms or around appliances
- Combustion performance checks
- Combustion efficiency checks
- Flue Draught tests
- More effective CMDDA1 testing
- Indoor Air Quality (IAQ) measuring CO<sub>2</sub> ambient levels

### Measures

- CO<sub>2</sub> direct with an Infra-Red sensor 0-20%
- CO<sub>2</sub> ppm 0-10,000ppm
- CO 0-2,000ppm
- NO 0-600ppm (option)
- Differential temperature
- High accuracy differential pressure meter +/-80mbar

### Calculates

- O<sub>2</sub>
- CO/CO<sub>2</sub> ratio
- NO<sub>x</sub> (option)
- Excess air
- Combustion efficiency

### Fuel Types

- Natural Gas
- 28 sec oil
- Butane
- 35 sec oil
- Propane
- Wood pellets
- LPG

### Features

- Rotary switch for ease of use
- Records & logs tests including: room CO with variable sampling time up to 30 minutes sweep test, migration test, Type C sealed appliance, Type B boiler open flue, Type A cooker, water heater & space heater
- Logs & prints reports with user details to optional printer
  - Combustion - Pressure
  - Let-by & Tightness - Temperature
  - CO & CO<sub>2</sub> build up - Ambient CO & CO<sub>2</sub>
- 10 year 'no quibble' warranty when recertified by KANE



### Contents

- Analyser, probe, pressure connectors, CO<sub>2</sub> true zero calibration module, charger, manual, analyser & calibration certificate



Independently tested by TUV SUD to EN50379 & EN50543  
Use for BS7967, TB143, BS8494, CMDDA1 & COMCAT

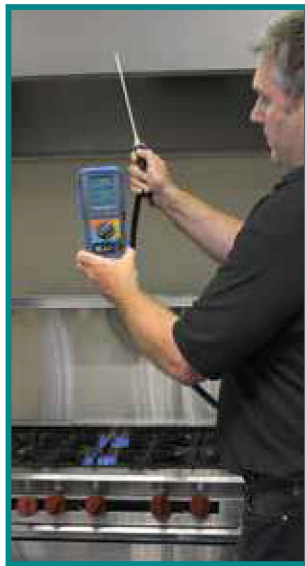


KANE Asset Management (KAM)

- Easily manage your analyser's recertification & benefit from FREE postage



Flue Gas Analysis



Monitoring CO2

## Your Kit - Your Way



KANE457 KIT



KANE457 PRO KIT



KANE457 CPA1



KANE457 CMDDA1 KIT



KANE457 COM-CAT KIT

**Optional wireless module  
compatible with:**



LIVE



PRINTER



See pages 21-22



# Indoor Air Quality

## KANE77

Personal CO Monitor for ambient carbon monoxide (CO) levels in commercial & residential spaces

### Measures

- CO 0 to 999 ppm
- Long life CO sensor with 5 year life

### Features

- One button on with AUTO ZERO
- Captures maximum value
- Preset alarms
- Vibrating alarm
- Visual three colour LED
- Audible tone
- If readings 30 ppm or above
- Data hold
- Back lit display
- Battery indication



Exposure to high levels of Carbon Monoxide (CO) can be fatal

## DAFM3

Digital Rotating Vane Air Flow, Temp & RH Meter  
Ideal for commercial catering applications



### Measures

- Air Velocity: 0.3-35m/s
- Temp: -20°C to +60°C
- RH: 0-100%

### Calculate

- Dew point: -68°C to +70°C
- Air Vol: 0 to 99999m<sup>3</sup>/s



## Leak Detectors

## RD99

Refrigerant Gas Leak Detector

### Features

- Detects CFC, HFC & HCFC including R11, R22, R134A, etc
- High sensitivity setting locates R134A leaks to 3gm/year
- Flexible gooseneck probe
- Easy single handed operation
- Audible & visual indicators
- Rubber sleeve protects detector & probe



Leak detectors do not measure gas levels