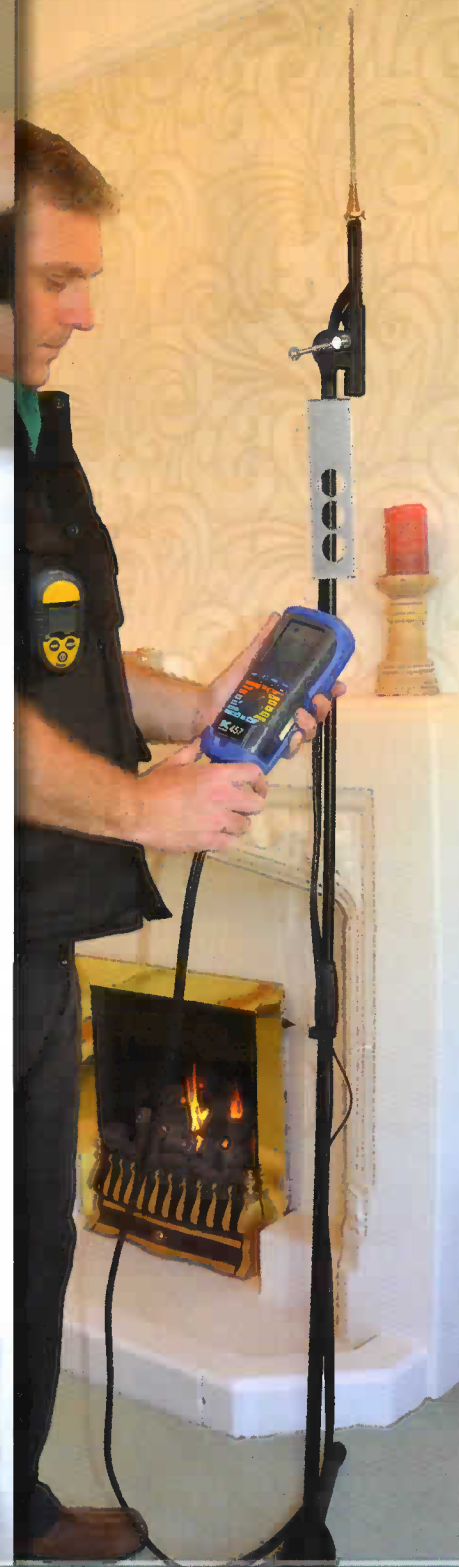
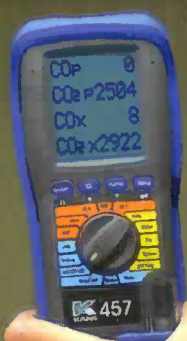


# KANE457

Flue Gas & Ambient Air  
Analyser with Direct CO<sub>2</sub>  
& CO Measurement



Conforms to:  
BS 7967  
BS 8494  
EN50379

Invest in your future

# KANE457 Flue Gas & Ambient Air Analyser

The new **KANE457** is the only Flue Gas Analyser combining the features & ease of use of the KANE455 with an ambient air quality meter. It accurately measures & records **CO ppm**, **CO<sub>2</sub> %** & **CO<sub>2</sub> ppm** to commission & service commercial catering appliances, flueless gas fires, radiant industrial heaters, etc.

If you intend to take **CMDDA1** certification this UK designed & manufactured product is made to measure. The **KANE457** is designed to meet **BS7967**, **BS8494** & **EN50379**.

With five year life sensors, fixed not 'from' re-certification & service pricing, fast service turn round time & knowledgeable regional product support the **KANE457** is the cost effective solution.

## Torch Light

- In built LED torch
- Backlit display

## KANE457 Key Functions

### Flue Gas Analyser

- **Combustion Analysis**  
Ideal when installing & commissioning boilers, fires etc
- **Direct CO<sub>2</sub> Measurement**  
Using Infra-red technology for better accuracy
- **Measure CO, CO<sub>2</sub> & Ratio**  
For Benchmark logbook

### Differential Pressure & Temperature

- **High Accuracy Pressure Measurement**  
Perform timed let-by, stabilisation & tightness tests
- **Temperature Measurements (with optional probes)**  
Flow/return, inlet/outlet, hot/cold measurements

### Air Quality

- **Room Ambient Air**  
Measure and record room CO<sub>2</sub> and CO readings for up to 30 minutes
- **Ambient CO<sub>2</sub> and CO**  
Monitor and record real time and maximum CO<sub>2</sub> & CO
- **Timed Logging**  
Establish CO<sub>2</sub> & CO concentration profiles over a specific period of time



In partnership with leading boiler industry companies including:



Glow-worm

heateam





# with Direct CO<sub>2</sub> & CO Measurement



## KANE457 CMDDA1 KIT

All the essential equipment required when investigating a fumes report or a CO alarm alert including a combustion probe stand & personal CO monitor.

## KANE77

- Personal CO monitor



## CPS1

- Combustion probe stand for room air testing



## True Zero

- Use the ZERO CAL capsule to purge the analyser when a true zero CO<sub>2</sub> ppm level is required



## KANE457 COM-CAT KIT

Specifically designed for commercial catering engineers & includes an airflow meter.



## Improved Accuracy

- Readings are automatically compensated for changes in ambient temperature & atmospheric pressure



## New Fast Print Option

- Use the optional KANE IRP2 infra-red re-chargeable printer with easy-load for faster printing of test reports



KANE457 V1.0B11G  
SERIAL NO. 123456789

YOUR COMPANY NAME &  
PHONE NUMBER HERE

**AMBIENT CO/CO2**

DATE	TIME	CO ppm	CO2 ppm	MAXIMUM CO	MAXIMUM CO2
20/03/13	15:10:35	0	933	0	1013

Customer .....

Appliance .....

Ref. ....

KANE457 V1.0B11G  
SERIAL NO. 123456789

YOUR COMPANY NAME &  
PHONE NUMBER HERE

**TIGHTNESS TEST**

LOG	TIME	PR1_1 mbar	PR1_2 mbar	ΔPRS mbar	STABIL'N MINS	TIGHTN'S MINS
01	15:17	20.12	20.10	-0.02	1.00	2.00

Customer .....

Appliance .....

Ref. ....

KANE457 V1.0B11G  
SERIAL NO. 123456789

YOUR COMPANY NAME &  
PHONE NUMBER HERE

**COMBUSTION**

DATE	TIME	FUEL	NAT GAS	O2 %	CO2 %	CO ppm	FLUE °C	INLET °C	NETT °C	EFF (C)	LOSSES	XAIR %	CD/CO2	PRS mbar
20/03/13	14:25:25			5.4	8.8	12	55.1	17.2	37.9	99.0	1.0	35.1	0.0001	0.00

Customer .....

Appliance .....

Ref. ....

KANE457 V1.0B11G  
SERIAL NO. 123456789

YOUR COMPANY NAME &  
PHONE NUMBER HERE

**TIMED LOG**

START	STOP	CO ppm	CO2 ppm
14:37	14:42	0	984
		1	935
		2	950
		3	987

MAXIMUM CO2 987

MAXIMUM CO 0

Customer .....

Appliance .....

Ref. ....

KANE457 V1.0B11G  
SERIAL NO. 123456789

YOUR COMPANY NAME &  
PHONE NUMBER HERE

**ROOM AIR TEST**

LOG	DATE	TEST	CO ppm	CO2 ppm
01	20/03/13	0	0	408
		1	0	1197
		2	0	974
		3	0	896
		4	0	897
		5	0	899
		6	0	906
		7	0	948
		8	0	945
		9	0	1368

MAXIMUM CO 0

MAXIMUM CO2 1368

Customer .....

Appliance .....

Ref. ....