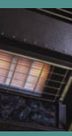
KANE425 Analyser

it's easy with Kane

425

O_2
CO
CO_2
CO/CO_2
Efficiency
Diff. Temp
Diff. Pressure

GAS ANALYSERS



Features

- Easy to use rotary switch
- Protective rubber sleeve with magnet for “hands free” use
- Multi-fuel: Natural Gas, Propane, Butane, LPG, Light Oils (28/35 sec)
- High accuracy manometer
- Differential thermometer
- “Send” button for instant printout and logging
- Separate reports for:
  Combustion
  Pressure
  Let-by and Tightness
  Temperature
  CO build up
- Battery life typically 12+ hours
- Designed to meet BS7927, BS7967 and EN50379
- 5 year extended warranty if serviced annually by Kane

Optional Extras

- Plug-in gas leak detector
- KMIRP infra-red thermal paper printer
- KANE ImPrint infra-red plain paper printer
- Bluetooth™ module
- NiMH rechargeable batteries
- 220v fast charger
- 12v in-vehicle charger
- Range of temperature probes

KANE®

The most user friendly “6 in 1” analyser available

K425 1.0
YOUR COMPANY NAME &
PHONE NUMBER HERE

TEST 10

DATE 15/05/06
TIME 12:00:08

COMBUSTION

FUEL		NAT GAS
O2	%	5.4
CO2	%	8.8
CO	PPM	12
FLUE	°C	55.1
INLT	°C	17.2
NETT	°C	37.9
EFF (C)		98.3
LOSSES		1.7
XAIR	%	34.8
CO/CO2		0.0001
PRS	mBAR	0.00

Customer

Appliance

Ref.

K425 1.0
YOUR COMPANY NAME &
PHONE NUMBER HERE

ROOM CO TEST

LOG 01
TIME 12:50 15/05/06

TEST	CO ppm
0	00
1	00
2	10
3	04
4	01
5	00
6	00
7	10
8	03
9	00
10	00
11	00
12	07
13	11
14	02
15	00
MAXIMUM CO	11

Customer

Appliance

Ref.

Combustion Analyser (#1)

- Select “Ratio” on the rotary switch to view current fuel, CO/CO_2 ratio, CO, and CO_2
- Select “O_2/Eff” to view O_2, temperatures and efficiency
- Select “Aux” to view any 4 parameters, user selectable
- Measures O_2, CO, inlet and flue temperatures
- Calculates CO_2, CO/CO_2 ratio, excess air, losses and combustion efficiency, (nett, gross or condensing)
- Multi fuel - Natural gas, Propane, Butane, LPG and Light Oils (28/35sec)
- Readings can be printed via an infra-red printer, (see printout example)
- Memory stores up to 99 combustion tests

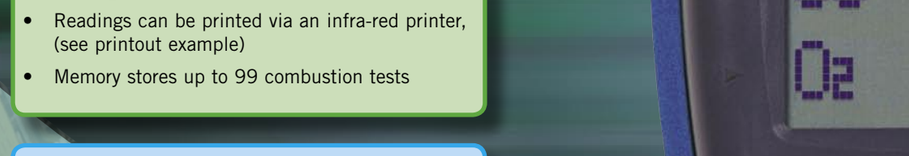
CO Meter (#4)

Calibrate the analyser in fresh air to set the CO sensor to zero

- Select “Ratio” to check the ambient CO level in a room
- Select “Room CO” to perform a 15 minute CO test
- The CO level is logged at 1 minute intervals
- “Room CO” tests are automatically stored in the memory
- Tests can be printed via an infra-red printer, (see printout example)
- Memory stores up to 20 “Room CO” tests

Gas Leak Detector (#5), optional

- Plug-in, handheld unit with the sensor at the tip of a flexible shaft
- LED’s and a variable buzzer enable the user to pinpoint a gas leak
- Can detect leaks down to 50ppm of methane / natural gas



Differential Pressure Meter (#2)

- **Select “Prs”** on the rotary switch for high accuracy single or differential pressure readings
- Range ± 80mBar, maximum resolution 0.001mBar
  Ideal for difficult applications such as flue draught
- Readings can be smoothed to damp out pressure pulsing
  Ideal for setting air/gas ratio valves
- Display includes a clock for manual timing, let-by test
- Readings can be printed via an infra-red printer, (see printout example)
- Memory stores up to 20 pressure tests

- **Select “Tightness”** to perform a let-by test and stabilisation/tightness test
- The let-by period defaults to 1 minute
  The stabilisation period defaults to 1 minute
  The tightness test period defaults to 2 minutes
  All 3 times can be adjusted by the user
- Tests are automatically stored in the memory
- Tests can be printed via an infra-red printer, (see printout example)
- Memory stores up to 20 “Tightness” tests

Differential Thermometer (#3)

- Select “Diff Temp” to view flow (T1), return (T2) and differential (ΔT) temperatures
- Temperature probes are available to measure air, liquid and surface (pipe) temperatures
- Ideal for Benchmark log book
- Readings can be printed via an infra-red printer, (see printout example)
- Memory stores up to 20 differential temperature tests

Torch Light (#6)

- Never got a torch when you need one? You have now!
- The KANE425 has a backlit display and an inbuilt LED torch

K425 1.0
YOUR COMPANY NAME &
PHONE NUMBER HERE

PRESSURE

TIME 12:56 15/05/06
PRS mBAR -0.037

Customer

Appliance

Ref.

K425 1.0
YOUR COMPANY NAME &
PHONE NUMBER HERE

Tightness Test

LOG 06
TIME 11:53 15/05/06

PRS_1	mBAR	20.33
PRS_2	mBAR	20.26
ΔPRS	mBAR	-0.07
STABIL'N MINS		1:00
TIGHTN'S MINS		2:00

Customer

Appliance

Ref.

K425 1.0
YOUR COMPANY NAME &
PHONE NUMBER HERE

DIFF TEMP

LOG 03
TIME 12:10 15/05/06

T1	°C	60.1
T2	°C	47.0
ΔT	°C	13.1

Customer

Appliance

Ref.