

# KANE 400 QUICK REFERENCE GUIDE

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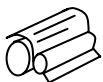
## INSTRUMENT FEATURES AND KEYPAD



**ON / OFF**  
Turns analyser ON and OFF



**MENU**  
Allows access to all menu functions



**PRINT**  
Print 'live' or stored data



**BACK-LIGHT**  
Hold to toggle back-light ON or OFF



**STORE**  
Access the data memory menu



**PUMP**  
Turns pump ON and OFF



**UP**  
Changes TOP line of display.




**ENTER**  
Changes BOTTOM two lines of display.

## BEFORE USING ANY ANALYSER CHECK THAT:

- The calibration date has not expired
- The particle filter is not dirty
- The water trap and flue probe hose are empty of water
- The water trap is fitted correctly to the instrument including the drain plug
- The flue probe hose is connected properly to the water trap
- The flue temperature plug is connected into Tf


## USING THE ANALYSER


Switch the analyser on. It will now purge for approximately 20 seconds after which it will show a set of readings on the display and now is a good time to check the battery status.

Using the  key, scroll until the display shows the CO/CO<sub>2</sub> ratio or whatever you want to look at.



Insert the probe into the centre of the flue after approximately 60 seconds the readings should stabilise.


## STORING A TEST


Press the  key once the display will show you at what number it will record your test.

Press the  key again and it will store your test.

## RETRIEVING A TEST


Press the  key once, then press the  key. View will now be shown on the screen.

Using the  key you can now count up to the number where your test was stored.

When you've reached the correct number, press the  key and your test readings will be displayed.

## PRINTING A TEST

You can now print the test by pressing the  key.

To return to the main screen, press the  key.

Remove the probe from the flue and allow the analyser to purge with fresh air before switching off!


## SETTING / CHANGING THE MAIN DISPLAY

The top half of the display operates independently from the bottom half.

### Top Display Options

To scroll press 




### Bottom Display Options


To scroll press 


FUEL TYPE	O <sub>2</sub> and CO
EFFICIENCY	CO <sub>2</sub> and diff Temp
EXCESS AIR	O <sub>2</sub> and flue Temp
TIME	CO <sub>2</sub> and inlet Temp
DATE	CO/CO <sub>2</sub> and CO
PRESSURE	
CO ref	
POISON INDEX	

## CHANGING THE SETTINGS


The MENU options allows all the settings to be changed





Press  to enter, use  to scroll around the headings, use  to select a new option.


Then use  to store the option and move to the next heading.



Escape at any time by pressing  a number of times until you get back to the main display screen.

## CHANGING NUMBERS

When you select a menu option that needs a number entering or changing, the display shows the current number on the top line. If you don't need to change the number just press .

If you want to change this number press  and the first digit to be changed will appear on the bottom line. Press  to increase the number or  to decrease the number. Press  to store the number and move on.

The final press of  in a sequence will move you on to the next heading.

You can escape at any time by pressing  until you are returned to the main display screen. If you press  before you have properly finished the number changing sequence, then the original number will be retained.

# MENU OPTIONS

HEADING	OPTION
FUEL	NAT GAS PROPANE BUTANE L OIL LPG
PUMP HOLD	HOLD ON HOLD OFF
RESET	YES NO
PRESSURE	Millibar InWG MmWG Hpa
O <sub>2</sub> ref	Enter number
TEMPERATURE	Centigrade Fahrenheit
GAS UNITS	PPM Mg/m <sup>3</sup>
EFFICIENCY	GROSS NETT
SETUP	CONTRAST FUEL TABLE HOURS MINUTES YEAR MONTH DAY FORMAT LANGUAGE