



Welcome

KANE458s

Flue Gas Analyser with
direct CO, CO₂ & CO
sensor protection

Quick reference guide



Hello KANE458s getting started

- 1 Know your KANE458s
- 2 Connections
- 3 Before use
- 4 KANE ASSET MANAGEMENT (KAM)

Please register your analyser at www.kane.co.uk & download the full instruction manual from our product selector

PLEASE READ ALL SAFETY WARNINGS IN THE MANUAL

1

Know your KANE458s



On / Off

Function keys
(see below)

Rotary switch

Water trap &
particle filter

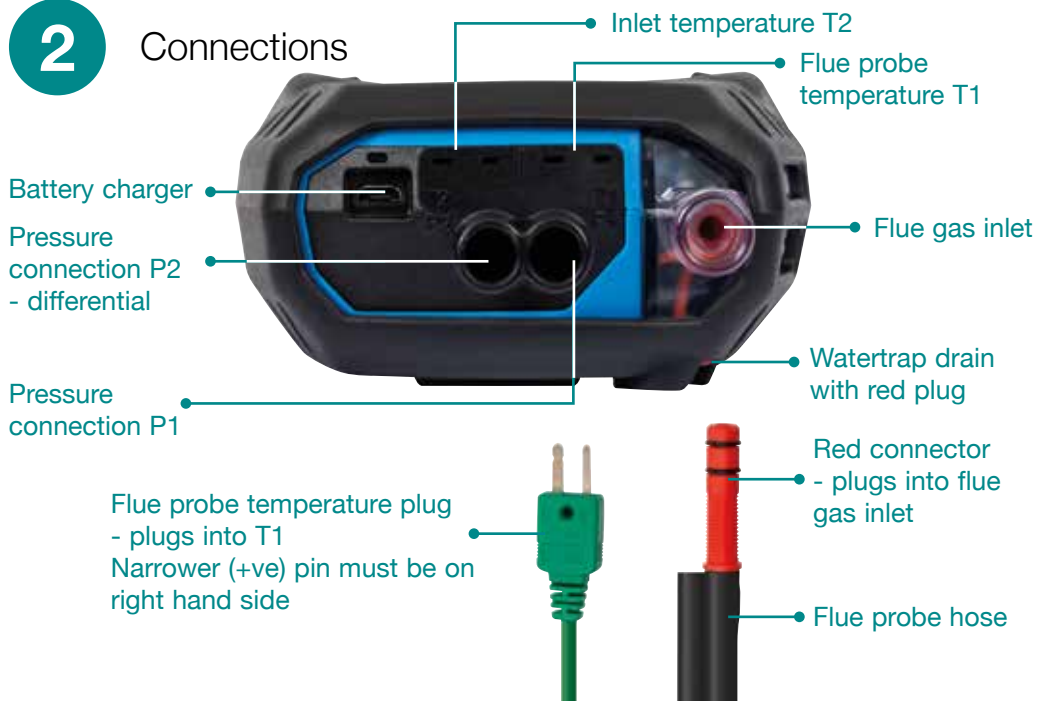


Function keys

| Icon | Description |
|------|--|
| | Data hold - Short press to hold current data on screen |
| | Pump toggle - Long press to toggle pump on & off |
| | Navigate Up - Short press to scroll up |
| | Enter key - Used to select current option |
| | Navigate Down - Short press to scroll down |
| | Save log - Long press to store data |
| | Print report - Short press to print a report |

2

Connections



3

Before use

Check

Particle filter is not dirty; Water trap & flue probe empty of water;
 Water trap & red plug fitted to analyser; Flue probe hose connected to flue gas inlet;
 Flue probe temperature plug connected to T1 temperature connection

Fresh air purge

Position flue probe in fresh air & press "On/Off"
 Analyser auto-calibrates within 60 seconds
 Select "Ratio" on dial - in fresh air CO reading = 0ppm
 Select "O₂/Eff" on dial - in fresh air O₂ reading = 20.9%
 Select "Status" on dial to view

For best pressure sensor accuracy

Switch analyser on for 5 minutes to let temperature stabilise
 Zero pressure sensor when analyser in exact position of use

To charge NiMH rechargeable batteries

Switch off
 Connect charger - charging indicator illuminates
 Display shows "BATTERY CHARGING" if batteries need charging



Sensor upgrades
available

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KANE ASSET MANAGER (KAM)



**Register your KANE analyser to
create your KAM dashboard:**

- ★ Simple online booking on www.kane.co.uk
- ★ Relevant product specific promotions, special offers & discounts
- ★ Automatic reminder when due for recertification
- ★ **FREE POSTAGE** returning your KANE analyser
- ★ **SAME DAY** annual FGA recertification **OR YOUR MONEY BACK***

*Excludes KANE '9 series' analysers & UKAS certificates



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