KANE9206

Quintox
Flue Gas Analyser & Emissions Monitor

Made in the UK
Independently tested by TÜV SUD to: EN50379

Invest in your future

KANE9206 Quintox Flue Gas Analyser & Emissions Monitor

The **KANE9206 Quintox** is a modular system & the standard kit provides the platform to build a complete solution to suit your specific monitoring application.
All the options available are listed below ensuring that you are provided with exactly what you need.

Wireless connectivity

Independently tested by TÜV SUD to **EN50379** the new **KANE9206 Quintox** is a cost effective & versatile emissions monitoring solution.

Customised to your specific requirement the **KANE9206 Quintox** uses electro-chemical sensors to monitor Carbon Monoxide, Nitrogen Dioxide, Nitric Oxide, Sulphur Dioxide, Hydrogen Sulphide, and Oxygen. Combine up to five electro-chemical sensors with our infra-red measurement technology to monitor Carbon Monoxide (up to 10%), Carbon Dioxide & Hydrocarbons.

Key features include:

- Large Graphical Display
  - Up to 15 lines of text/data can be displayed
- Wireless link from the handset to the base unit
  - Offering cable free connection
- GPS Location
  - Pinpoint exact test location
- Wireless & USB Connection to PC
  - Use the KANE LIVE software to monitor readings in "real time"
- Large internal memory
  - Can store up to 64,000 tests
- Main Purge
  - Allows sensor zeroing without the need to withdraw the probe from the flue
  - Refreshes the sensors during long term monitoring
  - Automatically protects the sensors from being over-ranged.
- Active Flow Control
  - Compensates for sample pressure fluctuation & filter blocking by adjusting the pump speed to maintain a set sample gas flow rate
- Built in Printer with additional output to optional portable IR Printer
  - IR printer ideal when working away from the base unit

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1. The KANE9206 Quintox Standard Kit

KANE9206 Standard Kit Includes: Handset, Base Unit & Power Supply

Measures	O_2 0-25%	CO (H_2 Compensated) 0-10000ppm	CO_2 (calculated) 0-20%	Temperature 0-1100°C	Pressure 0-150 mbar	Efficiency 1-100%

2. Select additional sensor options

Optional Sensor Upgrades	The Quintox can be fitted with any combination of up to five additional electro-chemical sensors plus one complete infra-red module					
Electro-Chemical Sensors	NO (Hi Range) 0-5000ppm **KNO1H/Q**	NO (Lo Range) 0-100ppm **KNO1L/Q**	NO_2 0-1000ppm **KNO2/Q**	SO_2 (Hi Range) 0-5000ppm **KSO2H/Q**	SO_2 (Lo Range) 0-1000ppm **KSO2L/Q**	H_2S 0-1000ppm **KH2S/Q**
Infra-Red Module **KHC/Q**	CO 0-10%	HC 0-5000ppm	CO_2 0-20%	**Please note:** if Infra-Red Module **KHC/Q** is fitted, the Hi/Lo CO Protection Solenoid & Pump **KHPURQ** is also required. See below for more details.		

3. Select a probe

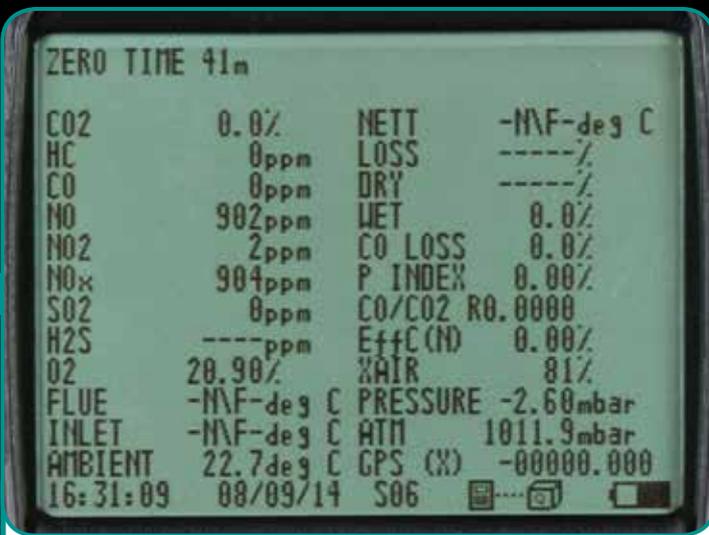| Optional Probes	Depending on your requirement a selection of high quality stainless steel probes with integral thermocouples are available Hi-Temp = 1100°C/2140°F Standard Temp = 600°C/1112°F						
	Hi Temp Probe 1 metre removable shaft **KMCHLP6**	Hi Temp Probe 285mm removable shaft **KMCHP6**	Hi Temp Smoke Probe 1 metre removable shaft **KMCHSLP6**	Hi Temp Smoke Probe 285mm removable shaft **KMCHSP6**	Smoke Probe 285mm removable shaft **KMCSP6**	Professional Probe 1 metre removable shaft **KMCLP6**	Professional Probe 285mm removable shaft **KMCP6**

KMCLP6

4. Optional upgrades

Used in conjunction with the heated probe & heated line, the sample conditioning unit comprises:
a peltier fan cooled chiller assembly, a peristaltic pump to automatically remove condensate,
the control electronics & power supply module

Sample Conditioning Unit **KMDM110/230**	Heated Probe **KMHP1200**	Heated Line **KMHL3000**

Hi/Lo CO Protection Solenoid & Pump **KHPURQ** Must be used with Infra-Red Module **KHC/Q**	Hi/Lo purge protection allows a standard ppm sensor to be fitted providing accurate readings at below 20ppm. When approaching over-range the solenoid operates & switches the gas flow to the electro-chemical sensor from flue gas to fresh air. The pump is then used to flush out the CO sensor & protect it from over-range. CO readings continue to be taken using the CO channel of the Infra-Red Module **KHC/Q**
Pumped Water Trap **WTS9206P**	The pumped water trap empties itself on a regular basis & so protects the analyser from condensate overflow, this allows long term unattended monitoring
Heater - Toxic Sensors **KHSA**	Enables toxic sensors to operate effectively at below 0°C ambient temperature. The heater maintains temperature at +5°C

Main Measurement Screen:

Top line:
Shows status messages

Gases:
O_2 & CO_2 are shown in %
Other gases shown in ppm or other user selected units
CO can be shown in % if optional IR bench fitted

Temperature:
Displayed in °C or °F. N\F = not fitted

Atmospheric Pressure (ATM):
Is always displayed in mbar

When a calculation cannot be made due to an out of range value ———— will be displayed

Wireless connectivity

Transfer live analyser readings to your PC or Android™ Phone using the "KANE LIVE" software or "Printer App for Android™" downloaded **FREE** from the KANE web site **www.kane.co.uk**

Printed Reports:

Produce comprehensive printed reports via integral printer, optional IR printer, or send full report directly to an Android™ Phone