

Hand Held 4 & 5 Gas Analyser

AUT04-2 & AUT05-2

it's easy with Kane



4-2
5-2

CO
HC
O₂
CO₂
NO_x
Lambda

GAS ANALYSERS



Features

- Easy to use Hand Held 4 or 5 gas Analyser
- OIML Class 1 accuracy
- Ideal for fault diagnosis
- Measures CO, HC, O₂ CO₂ and Lambda
- Easily upgradeable to NO_x or can be ordered as 5 gas analyser AUT05-2
- Fast warm up time – 150 seconds
- RPM and Oil Temperature measurement
- Print results via optional Infra-red printer
- Can be used on Petrol, LPG and CNG vehicles
- Complete with protective rubber sleeve, water trap and filter, carry case, battery charger, and exhaust probe

Optional Extras

- Infra-red printer
- NO_x upgrade
- PC Software
- RPM Clamp
- Oil temperature probe
- High temperature exhaust probe



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Kane Automotive  
(44) 1707 375550  
VEHICLE: ..... R330BBA  
FUEL: ..... PETROL  
DATE: 22-06-04  
TIME: 14:21:13  
CO % vol ..... 0.01  
HC ppm vol ..... 20  
CO2 % vol ..... 14.5  
O2 % vol ..... 0.3
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Technical Specifications AUT04-2 & AUT05-2

	Specified Range	Over Range	Accuracy Volume	Accuracy % of reading	Resolution
CO	0-10%	20%	+0.06%	+5%	0.01
HC	0-2000PPM	20,000PPM	+12PPM	+5%	1
O ₂	0-21%	48%	+0.1%	+5%	0.02
CO ₂	0-16%	25%	+0.5%	+5%	0.1%
NO _x	0-5000PPM		25PPM	+5%	1PPM
Lambda	0.8-1.2				0.001
AFR	11.76-17.64				0.01
RPM	200-6000RPM		50RPM		1RPM
Oil Temp	0-150°C		+0.2°C	+0.3°C	1.0°C



The Kane Auto 4 & 5 Series Exhaust Gas Analysers are truly portable and set new standards of convenience and ease of use. Weighing just 1kg, the handset fits comfortably in the hand and can run for up to 4 hours on its internal re-chargeable battery.

Ideal for emission diagnostics, tuning and pre-compliance testing.

The programmed recalibration procedure permits low cost servicing either on site or at approved European service facilities. The software includes pre-programmed language options, pre-programmed emission test, auto store & data logging, upgradeable analyser firmware and service software.

An automatic leak test can be performed on every power up. Integral flow checking provides warning of probe blockages.

The analyser goes to the car, not the car to the analyser! No need to shuffle vehicles around. For intermittent faults or for NO_x analysis (engine under load conditions), why not data log the results during a road test? Use the PC software to upload and analyse the data as a spread sheet or graphically. With accuracy to OIML Class 1, you are assured of the highest metrology standards.

Take the stress out of measuring gas and make it easy with KANE.

KANE AUTO 4-2 & 5-2 SERIES		
Product Selection	Non-Class 1	
Kit Reference	AUT05-2	AUT04-2
Hardware		
Metrology Standard	Class 1 accurate	Class 1 accurate
Measured Gases – Using NDIR Bench	CO/CO ₂ /HC	CO/CO ₂ /HC
Using Electro-Chemical Cells	O ₂ /NO	O ₂
Corrected CO (COK)	✓	✓
Lambda & AFR	✓	✓
Power Supply: Intern. Battery/Mains/12V	✓	✓
Measures RPM: 2, 4 Stroke, DIS, 2-12 Cyl.	✓	✓
Measures Oil Temperature	✓	✓
Warm Up Time in less than 3 Minutes	✓	✓
Fuel Types: Petrol, LPG, CNG, Diesel*	✓	✓
Infra Red Printer Compatible	✓	✓
PC Compatible	✓	✓
Software		
Pre-Programmed Language Options	✓	✓
Pre-Programmed Emission Test	✓	✓
Auto Store & Data Logging	✓	✓
Upgradeable Analyser Firmware	✓	✓
Service Software	✓	✓
Accessories		
High Temperature Probe	✓	Optional/EPAUTO2
RPM Inductive Clamp	Optional/RPMCL	Optional/RPMCL
Oil Temperature Probe	Optional/SM11284	Optional/SM11284
Infra-red Printer	Optional/KMIRP	Optional/KMIRP
Laptop Style Carry Case	Optional/14102/2	Optional/14102/2
PC Software	Optional/AUTOSWKIT	Optional/AUTOSWKIT
NO _x Upgrade	N/A	NOX4-2

Your distributor



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Warranty

All Kane products are warranted from the date of purchase. This warranty covers any defects in materials or manufacturing and applies worldwide.

Kane Automotive is a division of Kane International Limited who specialise in the design and manufacture of electronic instruments for monitoring and optimising both energy usage and emissions from energy processes. Our Policy is to continuously develop and improve our products and so we reserve the right to change any part of our specifications without prior notice.



Ref: KA4-2LIT04

KANE AUTO 4 & 5 SERIES				
Product Selection	OIML R99 CLASS 1		NON CLASS 1 Pre-Compliance	
Kit Reference	AUTO 5-1	AUTO 4-	AUTO 5-2	AUTO4-2
Hardware				
OIML R99 Class 1 Certificate	,	,	Class 1 Accurate	Class 1 Accurate
Measured Gases ñ Using NDIR Bench	CO/CO2/HC	CO/CO2/HC	CO/CO2/HC	CO/CO2/HC
Using Electro-Chemical Cells	O2/NO	O2	O2/NO	O2
Corrected CO (COK)	✓	✓	✓	✓
Lambda & AFR	✓	✓	✓	✓
Power Supply: Intern. Battery/Mains/12V	✓	✓	✓	✓
Measures RPM: 2, 4 Stroke, DIS, 2-12 Cyl.	✓	✓	✓	✓
Measures Oil Temperature	✓	✓	✓	✓
Warm Up Time in less than 3 Minutes	✓	✓	✓	✓
Fuel Types: Petrol, LPG, CNG, Diesel*	✓	✓	✓	✓
Infra Red Printer Compatible	✓	✓	✓	✓
PC Compatible	✓	✓	✓	✓
Software				
Pre-Programmed Language Options	✓	✓	✓	✓
Pre-Programmed Emission Test	✓	✓	✓	✓
Auto Store & Data Logging	✓	✓	✓	✓
Upgradeable Analyser Firmware	✓	✓	✓	✓
Service Software	✓	✓	✓	✓
Accessories				
High Temperature Probe	✓	✓	✓	✓
RPM Inductive Clamp	✓	✓	✓	✓
Oil Temperature Probe	✓	✓	✓	✓
Laptop Style Carry Case	✓	✓	✓	✓
Upgrades & Optional Extras				
Infra Red Printer	KMIRP	KMIRP	KMIRP	KMIRP
Software c/w interface lead for PC link	Autoswki	Autoswki	Autoswkit	Autoswkit
NO Upgrade (Electro-Chemical Cell)	-	NOX4-1	-	NOX4-2
* For diesel HC is not displayed				