

Hand Held Exhaust Gas Analyser

AUTO 2-2

it's easy with Kane

GAS ANALYSERS



2-2

CO
HC

OIML Class 2

Features

- Measures Carbon Monoxide and Hydrocarbons (CO and HC)
- Hand held and fully portable - the palmtop of gas analysis
- OIML Class 2 accuracy
- Less than 3 minutes to warm-up, even less to learn how to operate
- Data logging facility
- Long life rechargeable battery, 12v adapter cable and mains adapter
- Complete with protective rubber sleeve, water trap and filter, carry case, battery charger, 12v adapter cable, exhaust probe, spare filters, rpm and oil temperature measurement and multi-lingual manual

Optional Extras

- Infra-red printer
- PC Software
- Oil temperature probe
- RPM clamp

Kane Automotive
(44) 1707 375550
VEHICLE:T123 ABC
FUEL: PETROL
DATE: 18-06-04
TIME: 11:08:42
CO % vol 3.4
HC ppm vol..... 1234



Technical Specifications AUTO2-2

Parameter	Specified Range	Accuracy %	Resolution
CO (Infra-red NDIR)	0-10% Over-range 20%	+/-10% of reading* ¹ +/-0.2% of volume* ¹	0.01%
HC (NDIR)	0-5,000ppm Over-range 20,000ppm	+/-10% of reading* ¹	1ppm
CO & HC	-	OIML R99 Class 2	-
RPM	200-6,000 RMP 2 or 4 stroke engines Inductive clamp or low tension connections	50 RPM	1RPM
Oil Temp	0-150°C 32-302°F	+/-2.0°C +/-0.3% of reading +/-3.6°F +/-0.3% of reading	1.0°C/F

*1 Using dry gases at STP

To obtain the quoted specification an instrument should be calibrated with clean ambient air (normally outside the workshop) at the standard temperature and pressure (STP).



When time is money, KANE offers the AUTO 2-2, a truly portable exhaust gas analyser that sets new standards of convenience and ease of use. It weighs just 1.1 kg, fits comfortably in the hand and can run for 4 hours on its internal rechargeable battery. Take the analyser to the car, not the other way round!

The infra-red sensing system has been designed by our engineering team and is unique to our products.

The four-line display can be backlit. Measurements are shown in real time. Data logging, PC connection or printing via an infra-red printer are all at your fingertips.

With accuracy to OIML Class 2, the AUTO 2-2 is suitable for regulated testing, where specified, roadside inspection or engine fault diagnosis and tuning.

The programmed re-calibration procedure makes service easy and reduces maintenance costs.

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

Take the stress out of measuring gas and make it easy with KANE. After all it is all in your hand!

Note: The analyser is not for use with a Dynamometer, unless the high temperature probe is fitted.

KANE AUTO 2-2 SERIES	
Product Selection	Non-Class 1
Kit Reference	AUTO 2-2
Hardware	
Metrology Standard	Class 2 Accurate
Measured Gases – Using NDIR Bench	CO/HC
Power Supply: Intern. Battery/Mains/12V	✓
Measures RPM: 2, 4 Stroke, 2-12 Cyl.	✓
Measures Oil Temperature	✓
Warm Up Time in less than 3 Minutes	✓
Fuel Types: Petrol, LPG, CNG	✓
Infra Red Printer Compatible	✓
PC Compatible	✓
Software	
Pre-Programmed Language Options	✓
Auto Store & Data Logging	✓
Upgradeable Analyser Firmware	✓
Service Software	✓
Accessories	
High Temperature Probe	Optional/see probe selection chart
RPM Inductive Clamp	Optional/RPMCL
Oil Temperature Probe	Optional/SM11284
Infra-red Printer	Optional/KMIRP
Laptop Style Carry Case	Optional/14102/2
PC Software	Optional/AUTOSWKIT

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.



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