



AutoGas® 4 Four Gas Analyser



The AutoGas 4 measures the contents of the exhaust gas for compliance or tuning purposes. It can be used as a stand-alone unit or integrated into a vehicle test lane.

Tests:



Unique Features

- Capability to measure CO, HC, CO₂ and O₂ contents of petrol, CNG, LPG and diesel vehicle exhausts
- RPM measurement facility (optional) using vehicle battery, inductive pick-up, accelerometer or OBD II scanner
- Compatible with Windows-based operation V10 or above
- Complies with the OIML R99 (ISO 3930) Class 0
- Portable, light-weight design

Standard Accessories

- Sampling probe assembly for gas intake

Optional Accessories

- Accelerometer sensor pick-up
- Gas test software for Windows
- OBD II scanner
- Battery cable assembly
- Oil temperature probe
- Inductive pick-up

Standard Features

- Suitable for use on petrol, LPG, CNG and diesel engines
- Independent segmented LED display windows for CO, CO₂, HC and O₂
- Automatic condensation discharge
- RS232, Bluetooth, Wi-Fi interface & USB
- Integrated thermal printer
- Automatic zero calibration
- Display of PEF/RPM/Lambda/AFR values
- Air leak check facility
- Stores over 100 tests

Optional Features

- RPM measurement using accelerometer sensor and OBD II scanner
- Windows software for running and storing tests on PC
- Measure RPM through vehicle battery, spark lead or accelerometer
- Engine oil temperature measurement

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Note: Outer appearance and specifications are subject to change without prior notice





Features for Windows based operation

- Photograph of vehicle number plate with unique job ID in colour printout

Technical Specifications

Measurement Parameters	Range	Resolution	Accuracy	
			Relative	Absolute
CO (Carbon Monoxide)	0–15.5%	10 PPM or 0.001%	±3%	±0.03% Vol
CO ₂ (Carbon Dioxide)	0–21% Vol	0.1%	±4%	±0.04% Vol
HC (Hydrocarbon)	0–20000 PPM	1 PPM	±5%	±10% Vol
O ₂ (Oxygen)	0–25% Vol	0.01%	±3%	±0.1% Vol
Lambda	0–9.999	0.001		
AFR	0–30%	0.01%		
Oil temperature	0–120°C	1°C		
Engine RPM	600–10000 RPM	10 RPM		
Measuring gas intake	3 litres/minute			
Leak test	Electronic			
Condensate discharge	Automatic			
Warm up time at 0°C	<10 minutes			
Zeroing and RPM calibration	Automatic			

Electrical Specifications

AC power supply	100V to 265V AC, single phase, 50/60 Hz
DC power supply	11V to 16V DC battery
Power consumption	25 Watt

General Specifications

Operating temperature	+5°C to +45°C
Storage temperature	-20°C to +70°C
Overall machine dimensions, unpacked (W x D x H)	310 x 400 x 210mm
Machine weight, unpacked	9kg

