



AutoGas® 5 Five Gas Analyser



The AutoGas 5 Gas Analyser measures exhaust gas for compliance and tuning. It can function independently or integrate into a vehicle test lane. Distributed internationally, the AutoGas 5 is suitable for both light and heavy vehicles.

Tests:



Unique Features

- Capability to measure CO, HC, CO₂, O₂ and NO_x contents of petrol, CNG, LPG and diesel vehicle exhausts
- RPM measurement facility using vehicle battery, inductive pick-up, OBD or optional accelerometer
- 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
- Battery cable assembly
- Oil temperature probe
- Inductive pick-up
- OBD

Optional Accessories

- Accelerometer sensor pick-up

Standard Features

- Suitable for use on Petrol, LPG, CNG and diesel engines
- Measures RPM through vehicle battery, spark lead or optional accelerometer
- Automatic water discharge
- RS232, Bluetooth, Wi-Fi interface & USB
- Engine oil temperature measurement
- Automatic zero calibration
- Air leak check facility
- Stores over 100 tests
- Windows software for running and storing tests on PC

Optional Features

- RPM measurement using accelerometer sensor pick-up

**AUTO
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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
NO _x	0—5000 PPM	1 PPM	±4%	±25 PPM 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

