



Compatible with gasoline vehicles



Description

The gas analyzer is a **modern equipment**, prepared and ready to meet the requirements of **OIML Class 1** and **O, ISO**.

Based on **infrared technology** it **measures up to 5 gases** and other parameters such as corrected Lambda CO, oil temperature and rpm. It is very useful for **detecting ignition and injection problems** as well as for **improving fuel consumption**. The software shows the concentration of the gases and the rpm in numerical form.

- ✓ Dual exhaust measurement capability
- ✓ Adapted for measuring and calculating Lambda in GLP, GNC and GNL vehicles

Software



Technical Data and Dimensions

Measurable gases	HC / CO / CO ₂ / O ₂ / NO _x (op.)
Lambda factor calculation and corrected CO	
Storage temperature	-50 °C to 70 °C
Operation temperature	-10 °C to 55 °C
Atm pressure	750 a 1,150 mbar
Automatic removal of water and particles	
Power supply	115 - 230 V 1.5 A 47 - 63 Hz
Regulations	OIML R99 ISO3930 BAR97
Dimensions and weight	400 x 380 x 220 mm 12 kg

Standard Equipment

- ✓ Gas analyzer module
- ✓ Sampling probe
- ✓ Emissions dedicated cabinet
- ✓ Electronic control and SMRW software
- ✓ Temperature meter

Measurement range and resolution

Gas	Measurement range	Regular	High
HC	0 - 20,000 ppm	1 ppm	1 ppm
CO	0 - 15 %	0.01 %	0.01 %
CO ₂	0 - 20 %	0.1 %	0.1 %
O ₂	0 - 25 %	0.01 %	0.01 %
NO _x (op.)	0 - 5,000 ppm	10 ppm	10 ppm
Lambda		0.8 - 1.2	

Measurement	Range	Resolution
Regime	0 - 9,999 ppm	10 ppm
Oil temperature	- 5 °C to 150 °C	1 °C

Optional Equipment

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	Voltage stabilizer
	Tachometer y and accesories kit for rpm measurement
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	EOBD kit, gas equipment integration and software
	NO _x sensor
	Smokemeter kit with commissioning certificate module F
	Gas inlet hose with double probe
	Motorcycle exhaust adaptor kit
	Electro-pneumatic adaptation for self-calibration by means of internal standard gas bottles

