



Gas Analyzer RY-3200AG



Compatible with gasoline vehicles



Description

The **gas analyzer RY-3200-AG** is a modern equipment, prepared and ready to meet the requirement of **OIML R00 Class 1** and **0**, **ISO 3930**, **UNE 8251**, **bar 90**, **bar 97**, **U.S EPA ASM**.








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**.

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

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
It has a database and a rejection assesment	
Dimensions and weight	400 x 400 x 190 mm 10 kg

Optional Equipment

Optional equipment	
	Voltage stabilizer
	Tachometer and accesories kit for rpm measures
	Tachometer and accesories kit for rpm measures
	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

Software



Standard Equipment

- ✓ Gas analyzer module
- ✓ Sampling probe
- ✓ SMWR software and electronic control
- ✓ 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 rpm	10 rpm
Oil	- 5 °C to 150 °C	1 °C

