



Gas Analyzer RY-4000AG

Ryme  worldwide

Compatible with gasoline vehicles



Description

The RY-4000AG is prepared to meet the requirements of **OIML CLASE 1** and **O, ISO 3930, UNE 82501, bar 90, bar 97, U.S. EPA ASM.**

Based on **infrared technology** it measures up to **5 gases** and **other parameters** such as Lambda, corrected CO, oil temperature and **rpm**.

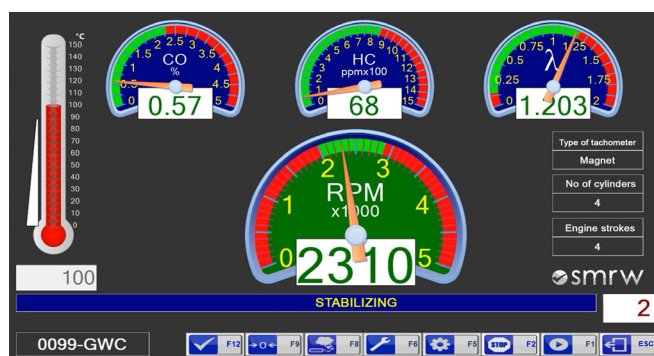
- ✓ Dual exhaust measurement capability
- ✓ Adapted for measuring and calculating Lambda in GLP, GNC and GNL vehicles

Technical Data and Dimensions

Storage temperature	-50 °C to 70 °C
Operation temperature	-12 °C to 48 °C
Atm pressure	750 to 1,100 mbar
Automatic removal of water and particles	
Power supply	115 - 230 V 50 - 60 Hz
Nominal/minimum flow	4.2 / 3 l/min
Connection	R232 series
Oil temperature meter	0 - 150 °C / Resol. 1 °C
rpm meter	0 - 9,990 / Resol. 10 rpm
Lambda	0.8 - 1.2



Software



Measurement ranges and resolution

Measurement	Range	Resolution	Method
HC	0 - 19,999 ppm	1 ppm	NDIR
CO	0 - 15 %	0.01 %	NDIR
CO ₂	0 - 20 %	0.1 %	NDIR
O ₂	0 - 25 %	0.01 %	Cell
NO _x (op.)	0 - 4,000 ppm	10 ppm	Cell

Standard Equipment

- ✓ Gas Analyzer module
- ✓ Sampling probe
- ✓ Emissions dedicated furniture
- ✓ SMRW software

Optional Equipment

Optional equipment	
	Voltage stabilizer
	Tachometer and accesories kit for rpm measurement
	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
	External temperature meter and rpm with a magnetic probe