

Compatible with gasoline vehicles



Description

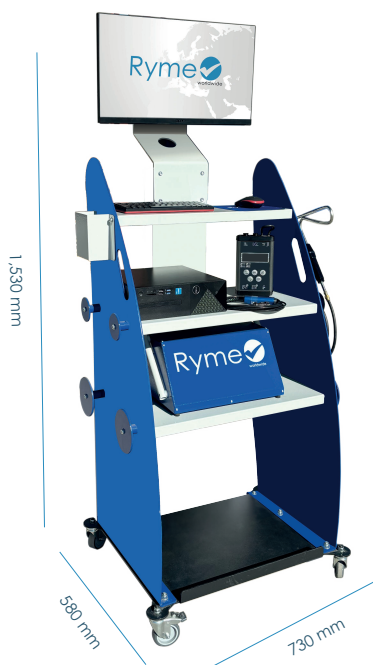
The RY-4000AG is prepared to meet the requirements of **OIML CLASS 1** and **O, ISO 3930, UNE 82501, bar 90, bar 97, U.S. EPA ASM.**

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
- ✓ External temperature meter and rpm with a magnetic probe

Optional Equipment

| Optional equipment | |
|--------------------|---|
| | Voltage stabilizer |
| | Tachometer and accessories 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 |