

JVE-501 Gas Analyzer

- ★ Measurement Items
HC, CO, CO², O², NO, λ



- ★ Advanced NDIR (Non-Dispersive Infrared) analysis technology to measure HC, CO, CO₂, newest electrochemical technology to measure O₂ and NO
- ★ Automatic calculation and display of A/F (air-fuel-ratio) and Lambda air ratio λ
- ★ High-brightness big LCD screen
- ★ CNG, LPG, ethanol vehicles can be tested
- ★ Standard inductive RPM measurement adaptor
- ★ 10-minutes standard warm-up and 5-minutes for fast measurement
- ★ 200 groups measurement data storage and review
- ★ Comply with ISO3930 and OIML 99 class 1 accuracy

Item	Parameters
Measuring Range	HC: 0 ~ 9,999 ppm (n-hexane) CO: 0 ~ 10 x 10 ⁻² (%) CO ₂ : 0 ~ 20 x 10 ⁻² (%) O ₂ : 0 ~ 25 x 10 ⁻² (%) NO: 0 ~ 5,000 x 10 ⁻⁶
Measurement Accuracy	HC: ± 12 x 10 ⁻⁶ (absolute error) or ±5% (relative error) CO: ± 0.06 x 10 ⁻² (%)(absolute error) or ±5% (relative error) CO ₂ : ± 0.50 x 10 ⁻² (%)(absolute error) or ±5% (relative error) O ₂ : ± 0.10 x 10 ⁻² (%)(absolute error) or ±5% (relative error) NO: ± 25 x 10 ⁻⁶ (absolute error) or ±5% (relative error)
Warm-up Time	10 min (5 min warm-up for fast measurement)
Response Time	Less than 10s; NO testing less than 15s
Power Supply	AC 220V ± 10% 50Hz ±1Hz