



5V-5Q | 5 GASES AUTOMOTIVE EXHAUST GAS ANALYZER



Overview

- Measurable with liquefied gas (LG), liquefied natural gas (LNG) and gasoline and other alternative fuel vehicles.
- Built-in printer.
- Used to measure the concentration of HC, CO, CO₂, O₂, NO in the Automobile Exhaust Gas.

Main Function

1. Used to measure the concentration of HC, CO, CO₂, O₂, NO in the Automobile Exhaust Gas.
2. Two kinds of test function: General and Two-speed idle.
3. Full English Menu Operation.
4. LCD (liquid crystal) screen display.
5. Auto-zeroing.
6. Automatic calculation and show the air-fuel ratio λ
7. Equipped with RS232 digital serial communication interface to facilitate networking.
8. Optional function: rotate speed and oil temperature measurement.
9. Equipped with functions of Plate number and time display.
10. Can store and search 500 groups of data, built-in printer.
11. Measurable with liquefied gas (LG), liquefied natural gas (LNG) and gasoline and other alternative fuel vehicles.

Technical Parameter

Measurement Range	CO	0~10×10 ⁻² (%)vol	
	CO ₂	0~20×10 ⁻² (%)vol	
	HC	0~10000×10 ⁻⁶ (ppm)vol	
	O ₂	0~25×10 ⁻² (%)vol	
	NO	0~40000×10 ⁻⁶ (ppm)vol	
Indication Error		Absolute error	Relative error
	CO	±0.06×10 ⁻² (%)vol	±5%
	CO ₂	±0.5×10 ⁻² (%)vol	±5%
	HC	±12×10 ⁻⁶ vol	±5%
	O ₂	±0.1×10 ⁻² (%)vol	±5%
	NO	±25×10 ⁻⁶ vol	±4%
Preheating Time	10 min.(3 min. warm-up for fast measurement)		
Environmental Condition	Temperature	-5~40 centigrade	
	Humidity	no more than 85%	
	Atmospheric pressure	86~106kPa	
	Power	AC 220V±10%; 50 Hz±1Hz	
Gross Weight	15kg		