



Emission Analyzer (Petrol) Model: ZC-QC011D

Specification:

Measured gases	CO, CO ₂ , O ₂ and HC (Nox of Possible)
Pre-programmed fuels	CNG, LPG and Ethanol gasoline
200 test result storage facility	
Auto store and PC compatible facility	
Advanced NDIR (non-Dispersive Infrared) analysis technology used to measure HC, CO, CO ₂ and the newest generation of electrochemical technology adopted to measure O ₂	
Designed with LCD screen for easier setting and operation.	
Automatic calculation and display of A/F (air-fuel-ratio) and Lambda air ratio.	
Response Time	Less than 10s (O ₂ less than 12s. NO less than 15s)
Warm-up Time	10min. (ambient temperature is not lower than 20°C)
Power Supply	AC220V ±10% 50Hz ± 1Hz
Parameter of Carbon Monoxide	Range: Min. 0 ~ 10 x10 ⁻² % Resolution: 0.01% Accuracy: ± 0.06 x10 ⁻⁶ (%) (abs.), ±5 x10 ⁻²

	(%)(rel.) (whichever is larger)
Parameter of Oxygen	Range: Min. 0 ~ 21 x10 ⁻² % Resolution: 0.01% Accuracy: ±0.1 x10 ⁻² (%) (abs.), ±5 x10 ⁻² (%) (rel.) (whichever is larger)
Parameter of Hydrocarbon	Range: Min. 0~10000 x10 ⁻⁶ (n-hexane) Resolution: 1ppm Accuracy: ±12 x10 ⁻⁶ (abs.) 0~ 2.000x10 ⁻⁶ , ±5 x10 ⁻² (%) (rel.) 0 ~ 2,000x10 ⁻⁶ (whichever is larger), ±10 x10 ⁻² (%) (rel.) 2000 ~ 9999x10 ⁻⁶ (whichever is larger)
Parameter of Carbon Dioxide	Range: Min. 0 ~ 16 x10 ⁻² % Resolution: 0.1% Accuracy: ±0.1 x10 ⁻² (%) (abs.), ±5 x10 ⁻² (%) (rel.) (whichever is larger)
ISO 3930 or OIML R99 Class I certified	