

Emission Analyzer (Petrol)

ZC-QC011D



Measured gases: CO, CO₂, O₂ and HC (Nox of Possible)

Pre-programmed fuels: CNG, LPG and Ethanol gasoline

ISO 3930 or OIML R99 Class I certified

200 test result storage facility

Auto store and PC compatible facility

Advanced NDIR (non-Dispersive Infrared) analysis technology used to measure HC, CO, CO₂ and the newest generation of electrochemical technology adopted to measure O₂

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 (O₂ 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

Standard accessories with printed operation manual

Parameter of Carbon Monoxide:

Range: 0 ~ 10 x10⁻² %

Resolution: 0.01%

Accuracy: ± 0.06 x10⁻⁶ (%) (abs.), ±5 x10⁻² (%) (rel.) (whichever is larger)

Parameter of Oxygen:

Range: 0 ~ 21 x10⁻² %

Resolution: 0.01%

Accuracy: ±0.1 x10⁻² (%) (abs.), ±5 x10⁻² (%) (rel.) (whichever is larger)

Parameter of Hydrocarbon:

Range: 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: 0 ~ 16 x10⁻² %

Resolution: 0.1%

Accuracy: ±0.1 x10⁻² (%) (abs.), ±5 x10⁻² (%) (rel.) (whichever is larger)