



EXHAUST GAS ANALYZER

Model: NHA-506

Features:

Measured gases: 5 gases (CO, CO₂, O₂, HC and NO)

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 and NO

Designed with LCD screen for easier setting and operation.

Automatic calculation and display of A/F (air-fuel-ratio) and Lambda air ratio.

Small size, light weight and most convenient for carry.

Technical Specifications:

Parameter of Carbon Monoxide:
Range: 0 ~ 10 %
Resolution: 0.01%
Accuracy: ± 0.06 (%) (abs.), ± 5 (%) (rel.) (whichever is larger)
Parameter of Oxygen:
Range: 0 ~ 25 %
Resolution: 0.01%
Accuracy: ± 0.1 (%) (abs.), ± 5 (%) (rel.) (whichever is larger)
Parameter of Hydrocarbon:
Range: 0~9999ppm (n-hexane)
Resolution: 1ppm
Accuracy: ± 12 ppm (abs.) 0~ 2.000 ppm, ± 5 (%) (rel.) 0 ~ 2,000 ppm (whichever is larger), ± 10 (%) (rel.) 2001 ~ 9999 ppm (whichever is larger)
Parameter of Carbon Dioxide:
Range: 0 ~ 18 %
Resolution: 0.1%
Accuracy: ± 0.5 (%) (abs.), ± 5 (%) (rel.) (whichever is larger)
Parameter of Nitric Oxide:
Range: 0 ~ 5000ppm
Resolution: 0.1%
Accuracy: ± 25 (%) (abs.), ± 4 (%) (rel.) (whichever is larger)
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 $\pm 10\%$ 50Hz ± 1 Hz
Standard accessories