

NHA-604EN / NHA-605EN Emission Analyzer

Equipped with high-performance microprocessor, LCD display, English display and PC (RS-232) interface, it is light weight, small size and portable. It is also featured with fast warm-up and rapid measurement. Optional on trolley is available for mobility.



With and automatic Pass/Fail judgement, it can be used to measure vehicles powered by gasoline, natural gas (LNG / CNG), liquefied gas (LPG), ethanol gasoline and various new energies. It is also capable to test Euro 4 Engine Exhaust Gas.

Main Technical Specifications

Operation Condition	
Ambient Temp.	+5℃ ~ +40℃
Relative Humidity	≦ 90%(non-condensation)
Atmospheric Pressure	80 kPa ~ 110 kPa
Power Supply	
Voltage	AC220V±10%
Frequency	50Hz ±1Hz
Rated Power	150w
Measuring Range:	
HC (n-Hexane)	(0 ~ 9999) x10 ⁻⁶ vol
CO	(0 ~ 10) x10 ⁻² vol
CO ₂	(0 ~ 20) x10 ⁻² vol
O ₂	(0 ~ 25) x10 ⁻² vol
NO	(0 ~ 5000) x10 ⁻⁶ vol
Resolution	
HC (n-Hexane)	1 x10 ⁻⁶ vol
CO	0.01 x10 ⁻² vol
CO ₂	0.1 x10 ⁻² vol
O ₂	0.02 x10 ⁻² vol

NO		1 $\times 10^{-6}$ vol	
λ		0.001	
Allowed Indication Error (whichever is larger)		Absolute Error	Relative Error
HC (n-Hexane equivalent)	(0 ~ 2000) $\times 10^{-6}$ vol	$\pm 4 \times 10^{-6}$ vol	$\pm 3\%$
	(2001 ~ 5000) $\times 10^{-6}$ vol	----	$\pm 5\%$
	(5001 ~ 9999) $\times 10^{-6}$ vol	----	$\pm 10\%$
CO	(0 ~ 10.00) $\times 10^{-2}$ vol	$\pm 0.02 \times 10^{-2}$ vol	$\pm 3\%$
	(10.01 ~ 14.00) $\times 10^{-2}$ vol	----	$\pm 5\%$
CO ₂	(0 ~ 16.00) $\times 10^{-2}$ vol	$\pm 0.3 \times 10^{-2}$ vol	$\pm 3\%$
	(16.01 ~ 18) $\times 10^{-2}$ vol	----	$\pm 5\%$
O ₂	(0 ~ 25) $\times 10^{-2}$ vol	$\pm 0.1 \times 10^{-2}$ vol	$\pm 5\%$
NO	(0~ 4000) $\times 10^{-6}$ vol	$\pm 25 \times 10^{-6}$ vol	$\pm 4\%$
	(4001~ 5000) $\times 10^{-6}$ vol	----	$\pm 8\%$
Others			
Outer Dimension (L×W×H)		459 mm×260 mm×180 mm	
Net Weight		7kg	