

LCD TYPE GAS 4/5 AND SMOKE (N)



Autochek Gas & Smoke Analyzer integrates gaseous analyzer (CO, CO₂, HC O₂, NO_x, Lambda and AFR) for Gasoline, LPG, CNG cars. Exceeds performance requirements of BAR 97 and OIML Class 0 & 1. can use measurement motorcycle 4 stroke and 2 stroke.

Autochek Gas & Smoke Analyzer measuring for diagnosa polutan (Opacity/Opasitas) for fuel diesel standard Performance Requirements Design Criteria conforms to French NF R 10-025 Standard ISO 11614. Automatic calculation of averages, Automatic Zero Calibration and self diagnostic, Measurement in N-Value(%) or k-Value(m-1), Heavy duty and high accuracy Smoke meter.

Result data reading compare with standard gas limit, Autochek Gas & Smoke Analyzer at facility Management Information, standard gas limit, automatic zero calibration, Inspecting place, Maintenance, date, a Clock, sampling time.

Spesifikasi Teknik:

Range		Resolution	
HC n-hexane	0 ~ 30,000 ppm	HC, NO _x	1 ppm
HC propane	0 ~ 60,000 ppm	CO	0.01 vol. %
CO	0 ~ 15 %	CO ₂ , O ₂	0.01 vol. %
CO ₂	0 ~ 20 %	Opacity	0,1%
O ₂	0 ~ 25%		
NO _x	0 ~ 5,000 ppm	Accuracy:	
LAMBDA	0.5 ~ 3.0	HC, CO, CO ₂	2 % rel
AFR	5 ~ 25	O ₂ , NO _x	3 % rel
Opacity	0 - 100%	Opacity	1%
Response Time	1 Sec for Smoke Opacity		
HC, CO, CO ₂	Less than 8 seconds (With 5m sample line connected)		
O ₂ , NO _x	Less than 10 seconds (With 5m sample line connected)		
Warm-up Time	Less than 20 seconds normally		
Sample Flow-rate	Pump	about 2 liters	
	Sensor	about 1 liters	
Display	: Digital LCD		
Keypad	: 6 Button		
Humidity	: 0 - 90 RH (Non Condensing)		
Dimension	: 419(W) * 245(H) * 270(D) mm, 370(W) * 200(H) * 160(D) mm		
Weight	: About 5 Kg		
Power	: 12 VDC / 90 ~ 240VAC, 43 ~ 63Hz		
Printer	: Thermal		
Standard	: Operation Manual, AC Power Cable, Sampling Probe & Hose		
Accessories			
Optional	: Trolley, PC Software, Nox Sensor, Smoke Kits, RPM/Oil Temperature		

=== AUTOCHEK ===	=== AUTOCHEK ===
EMISSION SMOKE READING	EMISSION GAS READING
VEHICLE INFORMATION	VEHICLE INFORMATION
CAR NO. BG 1234 BD REGISTRATION NO. 2011 MAKER INOVA FUEL TYPE : SMOKE DATE 2011/09/21 TIME 10:01:01	CAR NO. BG 1235 BD REGISTRATION NO. 2011 MAKER VIOS FUEL TYPE : GASOLINE DATE 2011/09/21 TIME 10:41:04
VEHICLE LIMIT	DATA READING
Peak RPM RPM MIN 1000 RPM MAX 3000 OIL TEMP 80°C OPACITY : 50%	CO ₂ 17.23 % CO 1.53 % HC 53 ppm O ₂ 0.89 % NO _x 21 ppm AFR 14.70 LAMBDA 0.991 (Hcv 1.85) (Ocv 0.000)
DATA READING MAX1 MAX2 MAX3 Opacity: 21.0 18.6 18.6 K-Val 0.54 0.47 0.47 RPM 2900 3100 3000 OIL TEMP 85°C	STANDARD GAS LIMIT
Cylinder: 4	CO 4.50 % HC 1200 ppm NO _x 250 ppm Lambda 1.0±0.98
RESULT: PASS OPACITY	RESULT
Average: 19.4% PASSED OPACITY	OK
INSPECTOR INDAH	INSPECTOR INDAH
INSPECTING PLACE :	INSPECTING PLACE :

