



HESHBON®



HG-510

INFRARED 2 GAS MULTIFUNCTION ANALYZER

SPECIFICATIONS:

- Measurement:
 NDIR (Non-dispersive infrared)
 - CO (Carbon Monoxide)
 - HC (Hydrocarbons)

STANDARD EXTRAS

- Exhaust probe and tap assembly
 Sample Hose/Power Cord / moisture Trap Filter Element

TECHNICAL DATA

- CO measurement range : 0-9.99% with 0.01% resolution
- HC measurement range : 0-9999 ppm with 1 ppm res.
- Ambient Condition: 0°C - 40°C
- Microprocessor control
- Automatic zero and span adjustment
- Full digital display visible in any light
- LED indicators for all functions
- Membrane switches -Serial PC interface
- Fast response time and low drift
- Automatic calibration
- Software supported gas calibrating procedure
- Flow absence detector
- Response time :10sec.aproximately
- Pre-heating time :3-8min. approximately
- Power supply :110/220/240Vac 50/60Hz

IN COMMON SPECIFICATION OF HG-510/520



HG-520

INFRARED 4 GAS MULTIFUNCTION ANALYZER

Measurement method:
 NDIR (Non-dispersive infrared) and electrochemical

- CO (Carbon Monoxide)
- HC (Hydrocarbons)
- CO₂(CarbonDioxide)
- O₂(Oxygen)
- LAMBDA&AFR(Air:Fuel)

STANDARD EXTRAS

- Exhaust probe and water trap assembly
 Sample Hose / PowerCord /Moisture Trap
 Filter Element

OPTIONAL EXTRAS

- UNOx Sensor
- UPC Interface software
- URS 232C

TECHNICAL DATA

- CO measurement range : 0 -9.99% with 0.01% resolution
- HC measurement range : 0 -9999ppm with 1 ppm res.
- CO₂ measurement range : 0 -20.0% with 0.1% 0.1% res.
- O₂ measurement range : 0-25.00%with 0.01%res.
- Lambda range : 0 -2.000 with 0.01 res.
- UAFR range:0.0-99.0 with 0.1res



Quality exhausted gas analyzer to the automotive workshop and inspection center.



1. Calibration inlet 2. Main Filter 3. Inlet 4. Out let 5. Dust Filter 6. Extra Outlet 7. Zero Filter
8. Ground 9. Power Soket 10. Fuse Box 11. Power Switch 12. RS232 Port 13. Printer Port

Measuring	CO , HC , ★CO2, ★O2, ★λ , ★AFR , ★NOX (optional)			
Measuring method Principle	HC,CO,CO2:NDIR O2:Electrochemical Cell			
Measuring range	CO	0.00~9.99%	HC	0~9.999 ppm
Resolution		0.01%		1 ppm
Display		4digit 7segment LED		4digit 7segment LED
Measuring range	★CO2	0.0~20.9%	★O2	0.00~25.00%
Resolution		0.1%		0.01%
Display		4digit 7segment LED		4digit 7segment LED
Measuring range	★λ	0~2.000	★AFR	0.0~99.0
Resolution		0.001		0.1
Display		4digit 7segment LED		4digit 7segment LED
Repeatability	Less than ±2% %FS			
Response time	with in 10seconds (more than 90%)			
Warming up time	About 2~3 minutes			
Sample collecting quantity	4~6 L/min			
Power	110/ 220V AC±10% 50Hz~60Hz			
Power consumption	About 50W			
Operation Temperature	-10. C~40. C			
Dimensions	285(W)*410(D)*155(H)mm			
Weight	About 4.5Kg			

★ Only On HG-520

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