

4/5 GAS EXHAUST ANALYZER

Model 5001 is a portable stand alone unit able to test a vehicle in your shop or on the road. Power is supplied by the vehicle under test or an optional 110/220 VAC converter.

Designed to meet BAR 97 (EPA ASM) and OIML R99 Class 0 standards, the 5001 uses extremely reliable solid state nondispersive technology. The compact unit is designed to withstand the most difficult shop or mobile environments

The unit can be shipped as a four or five gas analyzer. The four gas unit can be upgraded to five gas or wireless.

Optional software allows connectivity to a PC for recording, storing and analyzing data in a variety of graphic formats, to be printed and saved with customer/vehicle details.



PORTABLE 
UNDER 12 LBS



- Microprocessor control
- Automatic zero and span adjustment
- Full digital display visible in any light
- LED indicators for all functions
- Membrane switches
- Serial PC interface
- Parallel Printer interface
- Fast response time and low drift
- Automatic calibration
- Made in USA

12 VDC power from the car

Fast warm up time less 5 min.

Easy to operate

Low maintenance

Stand alone or Portable

WINDOWS SOFTWARE AVAILABLE FOR GRAPHING AND STORING ALL ANALYZER READINGS AND CUSTOMER INFORMATION

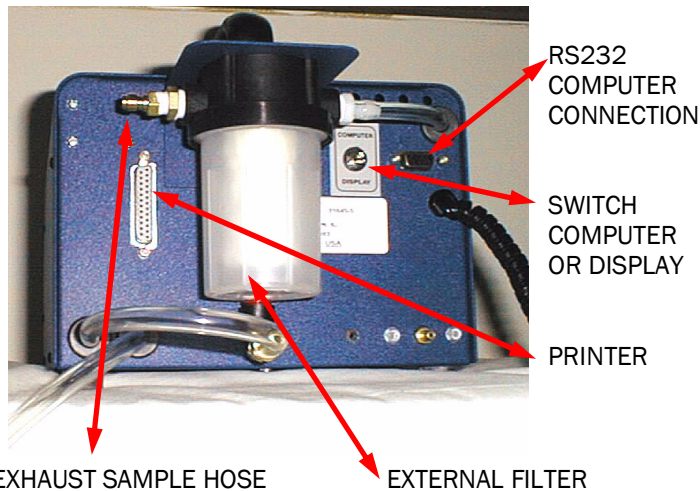
EMS
EMISSIONS SYSTEMS, INC.

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UPGRADABLE
TO WIRELESS

Use the EMS 5001 as a stand alone or connect to a PC via the serial port, using the optional software to review test results on the screen and print on your printer.

Use the optional Windows software with a laptop PC, to record data on the road. On your return to the shop, analyze the data in a variety of graphic formats and print the results on your printer.



Specifications EMS 5001:

- Power: 10 -16 VDC (110/220 VAC 50/60 Hz optional)
- Ranges:
 - HC: 0 - 2000 ppm
 - CO: 0 - 10%
 - CO2: 0 - 20%
 - O2: 0 - 25%
 - NO: 0 - 5000 ppm (Nitric Oxide) *
- Warm up: Less than 5 minutes at 20C - self controlled
- Display resolution:
 - HC: 1 ppm vol.
 - CO: 0.01% vol.
 - CO2: 0.1% vol.
 - O2: 0.01% vol.
 - NO: 1ppm*
- Digital display: Four 0.5" LCD
- Accuracy (Bar 97 EPA ASM)
 - HC: 4 ppm HC
 - CO: 0.06% CO
 - CO2: 0.3% CO2
 - O2: 0.1% O2
 - NO: 25 ppm*
- Drift: Zero and span drift are less than $\pm 0.6\%$ of full scale for the first hour and less than $\pm 0.4\%$ of full scale per hour thereafter.
- System response time: 9 seconds to 90% of final reading
- Ambient conditions: 35F (2C) to 120F (45C), rel. humidity 0-98%
- Sample house: 25 feet (7.5 m) with quick connect coupling
- Sample probe: Stainless steel (replaceable flex tip)
- Mass: Approx.: 12 LBS. (6 Kg)

*) Optional on four gas units.

RECEIVE A FREE 10 AMP/HR POWER PAK WITH A MACHINE ORDER

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