

ENERAC 700 AV



Enerac brings you the 700 AV... The 5 gas analyzer designed for supporting the automotive and vehicle mobile engine exhaust emissions market

800-695-3637 / www.enerac.com

MADE IN THE USA

Enerac invented the first portable multi-parameter electronic combustion analyzer in 1979 in the US. Enerac still services this analyzer as well as all others. Today, Enerac still leads the market in research, design and ultimately the manufacturing of portable combustion emissions analyzers. Enerac only manufactures portable combustion emissions analyzers and is considered the experts in this field.

The Enerac 700 AV (Automotive/Vehicle) 5 gas exhaust emissions analyzer can detect and measure O₂, CO, CO₂, C_xH_y and NO_(x). The 700 AV also provides exhaust temperature readings and other additional calculations (and optional velocity/flow measurements.)

The Enerac Model 700 AV is used for a vast array of applications. The most common applications are those related to mobile engine combustion exhaust emissions, such as from cars, trucks, buses, boats, locomotives and motorcycles to name a few.

KEY FEATURES:

Built in Printer: 2" Graphic Thermal Printer

4&8 Line Dual Display: 4&8 line 128 x 64 pixel dual display with backlight. This 4&8 line dual display allows one to see many parameters at once or "zoomed in" closer look at a few specific parameters of interest.

NDIR Bench (Non Dispersive Infrared 3-Gas Sensor) Option: This sensor option allows the unit to detect and measure the CO (in % volume), CO₂ (as a direct measurement in % volume) and Hydrocarbons (C_xH_y). (meets EPA method 25B)

Control Key Pad: Easy to Use Key Pad makes a task a Snap. If you want to Print, Store Data, Zero Cal, Turn the pump on and off (and other options)...Just Press the easy to read buttons etc.

Enercom Software: With Enerac's Free Enercom software, one can use this spreadsheet software "live" and see real time data collection. The data collection is arranged for easy understanding and reporting. One can also "store" data internally in the Model 700 unit and download later. The Model 700 unit has RS 232, USB and Blue Tooth Communications capabilities.

DIMENSIONS: 5.75"W x 9.75"H x 3.25" D

WEIGHT: 6 lbs

POWER: 4 D size NiMH rechargeable
And 120/240 VAC Adapter

DISPLAY: 4&8 Line 128 x 64 pixel Dual Display

MEMORY: 500 Internal Storage Buffers

PRINTER: 2" Graphic Thermal Printer

COMMUNICATIONS: Serial (RS 232) and USB ports, up to 115k Baud; Bluetooth



Includes free software and accessories



Optional Pitot Tube (Velocity/Flow)



Standard Probe and Hose

MEASURED PARAMETER	RANGE	RESOLUTION	ACCURACY	SENSOR TYPE
Ambient Temperature	0-150 °F	1 degree F or C	+/- 2 ° F M	Type RTD
Stack Temperature (net)	0-2,000 °F (1,100 °C)	1 degree F or C	+/- 2 ° F M	Type K thermocouple
Oxygen (O ₂)	0-25%	0.1%	+/- 0.2% M	Electrochemical
Nitric Oxide (NO _(x))	0-5,000 ppm	1 ppm	+/- 2 % M	Electrochemical
Stack Velocity / Flow	0-200 ft/sec (0-6,500 cfm)	1 ft/sec	Meets EPA Method 2	Type S pitot tube
Hydrocarbons C _x H _y	0-30,000 ppm	1 ppm	+/-3% M (meets EPA method 25B)	NDIR
Carbon Monoxide (CO)	0-15%	0.01%	+/-3% M	NDIR
Carbon Dioxide (CO ₂)	0-20%	0.1%	+/-3% M	NDIR

*Other Sensors, Ranges and Options Available

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