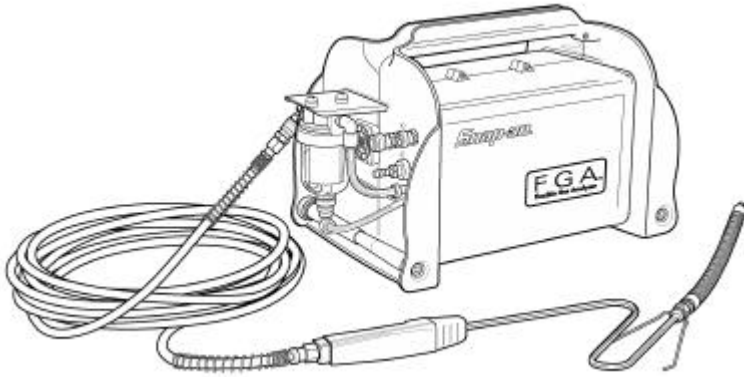




Flexible Gas Analyzer (FGA) 5-Gas Analyzer

BID SPECIFICATIONS



FEATURES

- Flexible design and versatile software options allow for use with multiple display devices:
 - pocket PC
 - laptop or desktop PC
 - MODIS platform
- Lightweight, "go anywhere" portability, powered by:
 - Long-life internal battery – rechargeable with standard wall charger or vehicle battery
 - 12VDC source with cigarette lighter adapter external
 - 12VDC direct from vehicle battery
- Meets or exceeds BAR 97 and European OIML Class 0 standards for accuracy

FGA GAS MODULE

- Model EEEA300A
- Non-dispersive infrared gas bench
- Heavy-duty sampling system with dual head sample pump
- 20' sample hose with self-retaining sample probe
- Optional 12' RPM and oil temperature probes
- RS232 serial and USB communications ports
- PDA power port for handheld PC, 6V DC maximum
- Long-life rechargeable internal battery
- Easily replaceable NO and O₂ cells
- **Power:** 12VDC
- **Dimensions:** 14" x 9" x 8"
- **Weight:** 10 ¾ lbs.

- **Performance Ranges/Resolutions:**
 - HC: 0 - 30,000 ppm @ +/-3% accuracy, 1 ppm resolution
 - CO: 0 -15% +/-3% accuracy, .01% resolution
 - CO₂: 0 - 20% +/-3% relative, .01% resolution
 - O₂: 0 - 25% +/-5% relative, .01% resolution
 - NO: 0 - 5000 ppm +/-4% relative 1 ppm resolution
- **Operating Temperature Range:**
 - 32° to 122° F. (0° to 50°C)
 - Relative Humidity: up to 90%, non-condensing
- **Storage Temperature Range:**
 - 4° to 158° F. (-20° to 70°C)
 - Relative Humidity: up to 90%, non-condensing
- **Response Time:** 90% of full scale in 8 seconds
- **Warm-up Time:** 1 minute
- **Flow Rate:** 7.0 liters per minute

FGA HANDHELD PC

- **Display:** 2.5" x 3.25", 320 x 420 color; detachable for viewing at any angle
- **Display Control:** Touch screen with stylus pen
- **Expansion:** open architecture and compact flash slot accept peripheral devices (modem, bar code reader, etc.) designed for handheld PC
- **External Ports:** 1 RS232; 1 compact flash slot; 1 infrared port
- Compact, one-hand operation
- Advanced Windows CE operating software
- Print capability via infrared port
- 6V DC power maximum
- Audio-capable
- Included with Model EEEA301A
(Specific model may vary depending on availability)

SOFTWARE

- **Live Gas Display:** displays all five gases simultaneously, or individually, plus AFR, Lambda or GPM readings
- **Data Display Options:** gas digital, gas graph, custom gas, X/Y plotting, min/max, optional RPM/oil temperature
- Pass/fail limits
- Catalytic converter test
- Save/recall test data with shop and vehicle ID
- Model EEEA300ASW PC software package
- Model EEEA301ASW flash card software package
- Model EEEA306A01 MODIS™ Software

MODEL CONFIGURATIONS

- **Model EEEA300A:** includes FGA module, hoses, probes, power accessories, power supply, RS232 cable. (Requires EEEA300ASW, EEEA301ASW or EEMS306A01).
- **Model EEEA301A:** includes FGA module, pocket PC, hoses, probes, flash card, power accessories, power supply, RS232 cable
- **Model EEEA300ASW:** PC software package only (Requires EEEA300A & PC w/Windows 98/2000/XP)
- **Model EEEA301ASW:** Flash card software package only (Requires EEEA300A & pocket PC w/Windows CE 3.0 or later)
- **Model EEMS306A01:** MODIS software package only (requires EEEA300A)

OPTIONAL ACCESSORIES

- **EAK0213L10A RPM Kit:** includes adapters for connection to spark plug wire, OBD II port, or radio frequency (RF)
- **EAK0213L11A Gas Calibration Kit:** includes adapters, hoses and gauge. Calibration gas not included
- **EAK0213L12A Oil Temperature Kit:** includes 12" temperature probe. Requires EAK0213L10A RPM kit.



SAFETY INFORMATION

- Products may have inherent risk to the user.
- Read, understand and follow all safety messages on the product, user manual and vehicle to be serviced before operating Model EEEA300A.
- Improper use may result in injury

Specifications subject to change without notice.

Snap-on®