

# ENERAC POCKET

# 60

CO ANALYZER

IT GOES WHERE  
OTHERS CAN'T

to locate  
lethal carbon  
monoxide gas.

**NOW WITH DUAL RANGES**  
**0-2000 ppm or 0-20,000 ppm**

Nature has left man virtually defenseless against odorless, tasteless, and invisible carbon monoxide gas, so ENERAC developed the Pocket 60 – a simple, effective way to detect harmful CO gas in places where other portable CO analyzers can't. Because unlike previous analyzers, ENERAC Pocket 60 operates for both ambient air sampling and furnace flue stacks.

#### **ENERAC Pocket 60 gives accurate readings in just 30 seconds.**

The whole procedure takes just 30 seconds: ENERAC's continuous digital display gives you precise readings of carbon monoxide concentrations in one part per million (ppm) increments ranging from 0 to 1999 ppm. You simply push a button and observe the easy-to-read LCD readout of CO gas on ppm's. The unit offers a choice of three modes. For furnace flue stack analysis, the unit's built-in-pump

samples gases continuously through a 10" stainless steel probe. For testing in ambient air, the pump is turned off. And for 24-hour monitoring, Pocket 60 automatically draws gas samples for 2 minutes out of every 30. A recorder output gives permanent records of CO gas concentrations.

#### **ENERAC Pocket 60 has the safety features you require.**

Pocket 60 comes equipped with both audio and visual alarms that can be set by a switch at the 50 ppm, 200 ppm, or 400 ppm carbon monoxide level. For added safety, an extension hose can be attached. And the speed of our test – just 30 seconds – is your greatest safety assurance. The unit weighs just 2 lbs. and operates for 8 hours continuously in the pumping mode on a single battery charge, so it can be carried to remote plant sites.



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## APPLICATIONS



**Boilers and Furnaces:** ENERAC Pocket 60 comes with a 10' stainless steel probe and is calibrated to provide accurate readings in both high and low temperature applications.



**Plant Safety:** The unit weighs just 2 lbs. and operates on rechargeable Ni-Cd batteries so you can take it right to the problem. It can be operated from either a hand-held or permanently mounted position.



**24 Hour Monitoring:** These units can be equipped with a data output that can be used for unattended around the clock measurements of gas emission in boilers, furnaces, and ambient air.

## TECHNICAL SPECIFICATIONS

### PHYSICAL:

**Size:** 5.9" x 3.1" x 1.9" and handle  
**Weight:** 2 lbs.  
**Case Material:** High impact styrene  
**Readout:** 0.5" high, three and a half digit, LCD (Resolution: 1ppm)  
**Flue Stack Probe:** 10' stainless steel (5/16" O.D.) tubing connected to a 5' hose with a condensate trap and disposable filter.

### POWER:

Internal Nickel-Cadmium rechargeable battery pack and battery charger. (Charging time - 16 hrs.)  
8 hours continuous operation with the pump on (see continuous sampling mode).  
24 hours continuous operation with the pump off (see diffusion or cycling modes).  
**AC Operation:** 120V AC/60HZ (using battery charger).  
**Recorder Output:** 0-2 volts DC  
(2 volts = 2000 ppm)  
**Warm-up Time:** 30 seconds

### ENVIRONMENTAL:

**Storage Temperature:** -10°C to +50°C  
**Operating Temperature:** 0°C to 50°C  
**Stack Temperature:** (Prebel 1200°F, maximum)  
**Humidity:** 10% to 95% RH

### CALIBRATION:

200 ppm carbon monoxide gas available at the factory for span calibration.

### SENSOR:

**Electrochemical:** 1-2 years typical life (6 months prorated warranty)  
**Range\*\*:** 0-1999 ppm (0-0.2%)  
**Accuracy:** ± 5% of indicated reading ± 1 count

### SAMPLING MODE:

Instrumental can be operated in any of the three modes:

1. Diffusion Mode: Pump is off, probe is disconnected (instrument is used as an area safety monitor).
2. Continuous Sampling Mode: Miniature pump operates continuously and draws approximately 800 cc/min. with the sack probe connected. (For flue stack carbon monoxide measurements.)
3. Cycling Mode: Pump operated automatically for 2 minutes out of every 30 minutes. Sack probe connected. (For monitoring the performance of boilers on a 24-hour basis.)

### ALARM:

Dual audio (buzzer) and visual (flashing LED) alarm. It can be switched to trigger at either 50 ppm, 200 ppm or 400 ppm carbon monoxide. Separate switch can turn the audio alarm off, if so desired.



\* Also available:  
SO<sub>2</sub>, NO, NO<sub>x</sub>, H<sub>2</sub>S  
Analyzers.

\*\* Different ranges available.



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