

INTRODUCTION

The Carbon Monoxide Meter detects the presence of Carbon Monoxide (CO) and measures concentrations between 1-1000 parts per million (PPM).

The meter indicates the presence of Carbon Monoxide in three ways:

- With a reading on the LCD in PPM.
- With a beeper tone.
- With two colour LED visual alarm.

What the Meter Does

The Meter indicates the presence of CO by readings, visual and audio alarms.

The beeper functions much like clicking of a Geiger counter:

- Above 200 PPM of CO Concentration, the beeper sounds continuously with the red and blue flashlight.
- From 35 PPM to 200 PPM of CO Concentration, the beeper sounds continuously with the red flashlight.



SPECIFICATIONS

Temperature	: Operating: 0°C to + 50°C Storage: -30°C to + 60°C
Operating Humidity	: 0-99% Relative humidity (non-condensing)
Measurement Range	: 0 to 1000PPM
Measurement Resolution	: 1PPM
Accuracy	: ±5% or ± 10 PPM
Warm up period	: <2 seconds
Battery	: 3.6V lithium battery (CR2)
Sensor type	: Stabilized electrochemical Gas-specific (CO)
Typical sensor life	: 3 years

Safety Information for Carbon Monoxide

0-1PPM	: Normal background levels.
9 PPM	: ASHRAE Standard 62-1989 for living areas.
50 PPM	: OSHA enclosed space 8-hour average level.*
100 PPM	: OSHA exposure limit. *
200 PPM	: Mild headache, fatigue, nausea and dizziness.
800 PPM	: Dizziness, nausea and convulsions. Death within 2 to 3 hours.

*U.S. Department of Labor, Occupational Safety & Health Administration (OSHA) Regulation 1917.24: The CO content in any enclosed space shall be maintained at not more than 50 PPM (0.005%). Remove employees from enclosed space if the CO concentration exceeds 100 PPM (0.01%).

