

AZ 7701 Portable CO Meter



The **AZ 7701 CO Meter** is uniquely designed to measure Carbon Monoxide concentrations in ppm. Featuring a back-lit digital LCD screen, this pocket-sized instrument is ideal for taking the CO values in enclosed spaces such as cars, hospitals, factories and other areas where air quality is of great importance.

Users can set and adjust CO Concentration Alarm for different purposes, making this unit adaptable to your needs. The **AZ 7701 CO Meter** can be calibrated by the user for added convenience.

Features

- CO Concentration alarm that triggers above 25 ppm, indicating dangerous CO concentration
- Displays both Carbon Monoxide level as well as the maximum value.
- Adjustable Carbon Monoxide Level warning
- Back-lit display is ideal for dimly lit environments
- Electrochemical Carbon Monoxide sensor
- 2-point (0/500 ppm) CO calibration
- Toggle between °C and °F
- Low battery indicator

Measuring Carbon Monoxide Levels

Parts Per Million (PPM)	Symptoms and applicable standard
0-1	Normal background levels
9	Maximum indoor air quality level: Maximum allowable concentration per ASHRAE residential standards 62-1989 for living area.
25	Maximum limit of 8 hours of continuous exposure per California OSHA workplace standards.+6
35	Maximum 8 hours average exposure level per US OSHA workplace standards
50	Maximum concentration for continuous exposure in any 8 hours average level per OSHA standards.
100	Remove employees from enclosed space if the CO concentration exceeds 100ppm per OSHA exposure limit.
200	Mild headache, fatigue, nausea and dizziness within 2-3 hours.
400	Frontal headache, life threatening after 3 hours. Maximum concentration in flue gas per the US EPA and AGA standards.
800	Dizziness, nausea, convulsions, death within 2-3 hours.
1600	Nausea within 20 minutes; death within 2-3 hours

Technical Specification

Model	AZ 7701 CO Meter
CO Range	0-999 ppm
CO Resolution	1 ppm
CO Accuracy (at 20±5°C, 50±20%RH)	±20% at 0-100 ppm; ±15% at 100-500 ppm, other ranges are not specified
CO Response Time	Responds within 60 seconds
LCD Size	26(H) x 11(W) mm
Meter Size	175(L) x 47(W) x 28(H)mm
Operating Temperature	0-50°C
Operating RH%	5-95% RH (avoid condensation)
Storage Temperature	-20-50°C
Storage RH%	0-95% RH (avoid condensation)
Power Supply	3 PCS AAA Batteries
Battery Life	300 hours
Weight	±120g

Packing List

AZ 7701 CO Meter
Instruction Manual
3 x AAA Batteries
Wrist Strap
Carry Pouch

Videos



AZ 7701 CO meter is very sensitive and quick response

A simple video to show you how to operate AZ 7701 CO meter. Power on to warm up the meter in fresh air. It then only take few seconds to provide you accurate reading even the CO concentration is low.



AZ 7701 CO Meter Unboxing Video