

## Online Carbon Monoxide Monitor with Alarms & Battery Backup



The OMD-351-CO Ambient Air Monitor is designed to measure and assure a safe level of carbon monoxide in an enclosed or confined area. Personnel safety is a primary issue in nearly every industry and is magnified within confined spaces where oxygen depletion or asphyxiation due to a leak in an inert gas container can quickly and unexpectedly take place.

The OMD-351-CO is designed with an easy-to-use interface with features that are optimized for safety and mitigating the dangers of confined spaces and carbon monoxide. The analyzer comes with 2 pre-configured CO concentration alarms that match the OSHA recommendations. Alarm functionality comes in the form of 2 fully adjustable, form C non-latching, relay contacts, an integral audible buzzer, and local LEDs located on the front of the unit. The unit also has a built-in POWER FAIL relay contact.

The unit comes standard with an integral battery backup which helps alleviate "brown out" conditions. With this standard feature, power outages will not interfere with a properly working monitor. The standby power source uses a rechargeable lead acid battery.

The carbon monoxide sensor used in the OMD-351-CO is based on the galvanic electrochemical fuel cell principle. All CO sensors are manufactured under a strict quality program. The sensors are self-contained and minimal maintenance is required - no need to clean electrodes or add electrolyte.

0 - 2000 PPM Concentration Range

Precision Electrochemical Sensor Technology

Barometric Pressure Compensation

Two Concentration Relay Contact Alarms

Power Failure Alarm Relay Contact

Integral Audible Buzzer Alarm

Integrated Rechargeable Battery Backup

Integral Visual Alarm LEDs

### Specifications

Accuracy:	< +/- 1% of Full Scale Range*
Alarms:	(2) Adjustable Relay Contacts (1) Power Fail Relay Contact
Analysis Range:	0 - 2000 PPM CO
Audible Alarm:	Integral
Barometric Pressure Compensation:	Integral
Battery Backup:	Rechargeable
Calibration:	Periodically
Dimensions:	9.5x 6.5 x 3.8 inch
Display:	Large with Backlight
Enclosure:	Painted Aluminum
Output (Analog):	4 - 20mA
Power:	100 - 240 VAC
Response Time:	T90 in 15 Seconds
Sensor:	CO-AMB
Sensor Life:	36 Months (Approximately)
Temperature:	0 - 50 deg C
Temperature Compensation:	Integral
Visual Alarms:	Panel Mounted LED's
Warranty:	12 months Analyzer & Sensor
Weight:	13.0 lbs

\*Accuracy at constant conditions

### Optional Configurations:

24V DC Input Power

Remote Oxygen Sensor (OMD-351-O2-Remote)

O2 / CO2 Ambient Air Monitor (OMD-351-O2-CO2)

Oxygen Ambient Air Analyzer (OMD-351-O2)

Cl Ambient Air Monitor (OMD-351-CL)

H2S Ambient Air Monitor (OMD-351-H2S)