

Online Chlorine Ambient Air Monitor with Alarms & Battery Backup



The OMD-351-Cl Ambient Air Monitor is designed to measure and assure the appropriate level of chlorine in an enclosed or confined area. Personal 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-Cl is designed with an easy to use user interface with features that are optimized for safety and mitigate the dangers of confined spaces and chlorine. The analyzer comes with 2 pre-configured Cl 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' loaded into 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 accentuate "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 chlorine sensor used in the OMD-351-Cl is based on the galvanic electrochemical fuel cell principal. All Cl sensors are manufactured in house by Southland Sensing Ltd. under a strict quality program. The sensors are self-contained and minimal maintenance is required - no need to clean electrodes or add electrolyte.

0 - 20 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 - 20 PPM
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:	Cl-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)

CO Ambient Air Monitor (OMD-351-CO)

H2S Ambient Air Monitor (OMD-351-H2S)

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 principal. 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)

Online H2S Deficiency Monitor with Alarms & Battery Backup



The OMD-351-H2S Ambient Air Monitor is designed to measure and assure the appropriate level of hydrogen sulfide in an enclosed or confined area. Personal safety is a primary issue in nearly every industry and is magnified within confined spaces where poisonous gas is present due to a leak in an inert gas container can quickly and unexpectedly take place.

The OMD-351-H2S is designed with an easy to use user interface with features that are optimized for safety and mitigate the dangers of confined spaces and hydrogen sulfide. The analyzer comes with 2 pre-configured H2S 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' loaded into 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 accentuate "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 hydrogen sulfide sensor used in the OMD-351-H2S is based on the galvanic electrochemical fuel cell principal. All h2s sensors are manufactured in house by Southland Sensing Ltd. under a strict quality program. The sensors are self-contained and minimal maintenance is required - no need to clean electrodes or add electrolyte.

0 - 200 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 - 200 PPM
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:	H2S-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)

CO Ambient Air Monitor (OMD-351-CO)

Chlorine Ambient Air Monitor (OMD-351-Cl)

Online Dual Oxygen & Carbon Dioxide Monitor with Alarms & Battery Backup



The OMD-351-O2-CO2 Ambient Air Monitor is designed to measure and assure the appropriate levels of both oxygen and carbon dioxide 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-O2-CO2 is designed with an easy to use interface with features that are optimized for safety and mitigate the dangers of confined spaces and oxygen deficiency. The analyzer comes with 2 pre-configured oxygen concentration alarms that match the OSHA recommendations of 19.5% and 20.0%. Alarm functionality comes in the form of 2 fully adjustable, form C non-latching, relay contacts, an integral audible buzzer and local LEDs' loaded into 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 accentuate "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 oxygen sensors used in the OMD-351-O2-CO2 are based on the galvanic electrochemical fuel cell principal. The sensors are self-contained and minimal maintenance is required - no need to clean electrodes or add electrolyte.

0 - 30% O2 Concentration Range

0 - 10,000 PPM CO2 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 - 30% O2 0 - 10,000 PPM CO2
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 (1 each O2 / CO2)
Power:	100 - 240 VAC
Response Time:	T90 in 10 Seconds
Sensor:	PO2-AMB, CO2-AMB
Sensor Life:	60 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 Ambient Air Monitor (OMD-351-O2)

H2S Ambient Air Analyzer (OMD-351-H2S)

CO Ambient Air Monitor (OMD-351-CO)

Chlorine Ambient Air Monitor (OMD-351-Cl)

Online Oxygen Deficiency Monitor with Alarms & Battery Backup



The OMD-351-O2 Ambient Air Monitor is designed to measure and assure the appropriate level of oxygen in an enclosed or confined area. Personal 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-O2 is designed with an easy to use user interface with features that are optimized for safety and mitigate the dangers of confined spaces and oxygen deficiency. The analyzer comes with 2 pre-configured oxygen concentration alarms that match the OSHA recommendations of 19.5% and 20.0%. Alarm functionality comes in the form of 2 fully adjustable, form C non-latching, relay contacts, an integral audible buzzer and local LEDs' loaded into 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 accentuate "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 oxygen sensor used in the OMD-351-O2 is based on the galvanic electrochemical fuel cell principal. All oxygen sensors are manufactured in house by Southland Sensing Ltd. under a strict quality program. The sensors are self-contained and minimal maintenance is required - no need to clean electrodes or add electrolyte.

0 - 30% 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 - 30%
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 10 Seconds
Sensor:	PO2-AMB
Sensor Life:	60 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)

H2S Ambient Air Analyzer (OMD-351-H2S)

CO Ambient Air Monitor (OMD-351-CO)

Chlorine Ambient Air Monitor (OMD-351-Cl)