

# Portable Ozone Monitor

## Portable Handheld Ozone Monitor

The OMC-1108 ozone monitor is light weight, reliable and very responsive to changes in ozone levels. Available with a range as low as 0.01 ppm - 9.99 ppm. Higher ranges up to 150.0 ppm ozone available on request. Warm up time is less than 2 minutes.



### Features

- Quick responding
- large digital display
- portable - 1 lb weight
- less than 2 minute warm-up time
- 10 PPB resolution
- CSA Certification - Intrinsically safe

Product ID: **OMC-1108**  
 In Stock: **Yes**  
 Price: **\$1095**

Model	Range	Resolution	Remote Head	Price
OMC-1108	0.01-9.99 PPM	0.01 PPM	No	\$1,095.00
OMC-1108-RH	0.01-9.99 PPM	0.01 PPM	Yes	\$1,195.00
OMC-1108-HC	0.1-150.0 PPM	0.1 PPM	No	\$1,195.00
OMC-1108-HC-RH	0.1-150.0 PPM	0.1 PPM	Yes	\$1,295.00

### Specifications

Accuracy: +/- 5-10%  
 Sensor Type \* Electrochemical Cell  
 Sensor Life: 1.5 to 2-years (average)  
 Range:(2-choices) 0.01 to 9.99 ppm in 0.01-PPM increments (default range)  
 0.1-150.0 PPM in 0.1-PPM increments  
 Operating Temp.: 0-deg C to 40-deg C (32-deg F to 104-deg F)  
 Storage Temp.: -20 deg C to 50 deg C (-4 deg F to 122 deg F)  
 Humidity Range: 0 to 80%  
 Display: Digital readout  
 Alarm: (optional) Audio - Piezoelectric buzzer, 85 dB @ 1ft  
 Visual - Red LED (set only by request)  
 Power Supply: Battery - 9 volt alkaline (life - 500 hrs) - included  
 AC power supply - 12 volt wall adapter (not included)  
 Enclosure: High impact PVC  
 Repeatability: 1% of full scale  
 Dimensions: 5.71" x 3.15" x 1.62" (14.5 x 8 x 3.65-cm)

### Remote Head Option



The Remote Head can be used to monitor ozone concentrations as high as 150.0 PPM from a safe location up to 20-ft away. This unit can monitor ozone concentrations in a controlled environment such as a manufacturing process or a laboratory. (Note: The remote head is a permanent modification of the sensor. The sensor cannot be moved to the display case in the RH configuration.)

### Datalogger Capability



Simply connect the DL-2 datalogger into the side of unit for instant recording of ozone levels. Datalogger can store up to 43,000 data points.

### OMC-1108 in Chamber



Using the DL-2 data logger with the OMC-1108 allows you to monitor and record you ozone concentrations over a period of time. This can be used in laboratory or working areas to chart fluctuating ozone levels. (Ozone Monitor shown with leather case. Leather case purchased separately.)

## OMC-1108 Leak Detection



Using the OMC-1108 as an ozone leak detector can alert technicians of possible ozone leaks. The OMC-1108 can help make system troubleshooting easier by making leak detection quick and easy. (Ozone Monitor shown with leather case. Leather case purchased separately.)

## OMC-1108 Leather Case (Sold Separately)



The leather protective case ensures the unit can withstand the daily bumps & bangs. OMC-1108 leather case includes a high strength belt clip on the back for securing to a users waist. (See image below)

## OMC-1108 Belt Clip



The OMC-1108 can be used as personal safety device to warn of ozone concentrations over the OSHA limit of 0.1 PPM average for and eight hour day. The OMC-1108 has an audible alarm that can be set at any point that is desired with in the 0.01 to 9.99 concentration range. (Ozone Monitor shown with leather case. Leather case purchased separately.)

## Ozone Meter Front View



The OMC-1108 has a large digital display easily viewed from several feet away. The red LED on the top also will flash when the alarm setpoint (optional) is exceeded. An audio alarm also sounds when this setpoint has been reached.