

# Portable Ozone Sensor

## Rugged and Versatile Ozone Sensor

A general purpose sensor and monitor. Designed for rugged indoor field use, factories, pilot plants, process facilities, and sensor and monitoring uses of all kinds. Uses the same precalibrated sensor modules as the OS-4 permanent monitor and controller. All digital technology!



### Features

- Rugged Handheld Ozone Sensor
- Autoranging 0.030-1.999 ppm and 2.0-20.00 ppm
- Plug-in precalibrated sensor modules
- Instant readout of high, low and average ozone levels
- Tilt stand and wall hanging hook
- Back light for LCD display

### Specifications

Range	Autoranging 0.030-1.999 ppm and 2.0-20.00 ppm
Resolution	0.001 PPM
Accuracy	10% accuracy. Temperature and Relative Humidity Compensated
Battery	12 hour (est) battery life. 8 hour charge. 4 hour fast charge available
Data Logging	Instant readout of high, low and average ozone level on LCD Screen
External Connections	Data port for external data logger such as our DL-3 USB, 4-20 mA, 0-2 VDC outputs for loggers, computers and PLC
Case	Rugged durable case with Tilt stand and wall hanging hook
Display	Back light for LCD display
Power source	Internal rechargeable batteries or 12-24 VDC, 500 mA, from included external adapter/charger
Sensor type	Improved HMOS heated metal oxide sensor
Dimensions	4.25 - in W x 8.25 - in L x 2.5 in D
Weight	2-lbs (0.9 kg)

#### A-22 Controls



The controls of the A-22 are very simple and easy to use. The dial can be turned to display the Maximum, Average, and Minimum ozone levels since the last reset. This is very helpful for locations where the monitor cannot be visually monitored 100% of the time.

#### Outputs to External Equipment



The A-22 has 3 outputs to give an ozone level to a remote location. This will allow for data logging or controls via a PLC system.

#### Tilt Stand



The The A-22 outer case can be used as a tilt stand for easy monitoring.

## Wall Hanging



The A-22 can be hung on the wall using the integrated hook of the outer case.

## Replacing the SM-X



When the sensor needs to be replaced it is a very simple process. This image shows the SM-X being installed into the A-22 Ozone Sensor.

## SM-X Sensor



The A-22 uses the SM-X sensor chip to monitor ozone. When calibration is necessary this chip can simply be replaced with a pre-calibrated new unit. The SM-X chip will cost \$110, this is only \$10 more than the standard recalibration cost, and you get to keep the monitor in operation the entire time! The SM-X will help make the A-22 the lowest cost sensor for long time operation you can buy.

Image is actual size

## SM-X Sensor



This shows the small size of the simple SM-X sensor