



Ozone sensor EZ-1X

For monitoring ozone levels near small ozone generators. Ideal for light commercial applications such as bars and restaurants, hotels, photocopy centers, water bottlers, fumigation, research projects, light manufacturing, swimming pools, and residential and wherever ozone exposure is possible.

For permanent on-site use and for portable work by field engineers and installers.

The EZ-1X has a fast and continuous response. It is rugged and versatile. There are no touchy controls.



SPECIFICATION

Sensor	Heated metal oxide semiconductor
Range	0.02–0.14 ppm of ozone
Response time	Within 10s of seconds of the ozone reaching the sensor.
Measurement principle	HMOS (heated metal oxide semiconductor) sensor.
Accuracy	within 20% in the 0.05–0.1 ppm range
Temperature range	15–27 °C (60–80 °F)
Size	85 x 35 x 60 mm (3 1/4" x 1 3/8" x 2 3/8")
Weight	154 g. (6 oz.)
Power requirement	12 volts DC at 300–500 mA. AC adapters available worldwide.
Battery	Self-contained NiMH. Approximately 8 hour capacity. Recharged by AC adapter overnight.
Enclosure material	Flame retardant ABS

Data readout

Bar	PPM of ozone	Bar	PPM of ozone
1st green	"on"	2nd yellow	0.07
2nd green	0.02	3rd yellow	0.08
3rd green	0.03	1st red	0.10
4th green	0.04	2nd red	0.12
1st yellow	0.05	3rd red	0.14

FEATURES

- Constantly monitors your work environment. Ozone concentration shown by a multicolored graphical display from green (safe) to yellow (caution) to red (danger).
- No installation required. Easily understood by non-technical personnel.
- Field work and walk around analyses possible via power from internal rechargeable batteries.
- Compatible with other VOC and ozone sensing, monitoring, and control products.
- Low cost.

