

Ecosensors OS-6 Ozone Controller and Monitor



THE OS-6 IS NOW NEW AND IMPROVED, USING THE STATE-OF-THE-ART ELECTROCHEMICAL SENSOR FROM SPEC SENSORS!

Industrial Grade Ozone Controller and Monitor

The OS-6 is an industrial grade ozone controller and monitor. The OS-6 design has been optimized for accuracy, ease of installation, setup and operation. The OS-6 is only available with the SM-7/SM-EC in two different concentration ranges. Please call with any questions!

Features:

- Industrial strength, water resistant enclosure.
- Large digital display, auto-ranging (0-50ppm) w/ backlight.
- Easy front panel access to set points and relays.
- Precisely adjustable max, min, and fail time set points.
- Failure alarm if ozone remains outside control range.
- Front panel generator control cutoff switch for easy maintenance.
- User selectable PPM ranges for analog output (4-20 mA and 0-2 VDC)
- OSHA 0.1 ppm safety limit light.

Specifications:

- **Enclosure:** Wall mounted polycarbonate enclosure resists water spray and splash (NEMA 4X).
- **Size:** H = 6.3"/160mm, W = 6.5"/166mm, D = 4.6"/118mm.
- **Power in:** 12-24 VDC.
- **Power out:** +5 or +12-24 VDC to sensor.
- **Data in:** RS-232 serial data from remote sensor module (SM-4 or equivalent).
- **Data out:** RS-232, 9600 Baud 8N1 format.
- **Analog out:** 0-2 V and 4-20 mA, internal jumpers select full scale PPM range.
- **Control in:** Generator enable (contact closure).
- **Control outputs:** Relays, 10A @ 25VDC, 0.25A @ 250VDC, 2.0 KVA AC (resistor).
- **Relay functions:** Ozone generator control, >100 PPB safety limit, failure to control.
- **User controls (internal):** MAX set point, MIN set point, FAIL time, increase, decrease.
- **Numeric display:** Four digits, 0.5"/12mm, auto-ranging, with backlight.
- **LED indicators:** Sensor, above MAX, below MIN, >100 PPB, generator on, failure

Compatibility:

- **SM7/SM-EC:** Electrochemical-based sensor module, capable of either 0-20 ppm or 1-50 ppm with T/RH compensation and reduced VOC sensitivity – [MORE INFO](#)

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