



ABSOLUTE OZONE®

AOM 3000 OZONE SENSOR



Real-time detecting environment ozone gas temperature & humidity detection

Wall mount with LCD display

Provide one on/off-dry contact relay output to control an ozone generator or a fan

Provide an analog output with a linear over full range output

Provide RS485 interface to PC or other DDC

Strong function – High performance – Low price

SPECIFICATIONS

Model:	AOM 3000 Ozone Sensor and Controller
Sensing Element:	Electrochemical gas sensor
Ozone Measuring Range:	0-5 ppm (0~9.81mg/m3)
Sensor Lifetime:	> 2 years, removable
Temperature Sensor:	HS series capacitive sensor
Temperature Range:	5°~60°C /
Humidity Range:	0~80% RH
Display Resolution :	1ppb (0.001ppm) 0.01 mg/m3)
Accuracy:	+ - 0.01 ppm + 10% reading
Analog Output:	0-10VDC
Relay dry contact Output:	Two dry-contact outputs
Power Supply:	24 VAC/VDC
Consumption:	2.8 W
Warm up Time :	<60 sec
Manufacturing Process:	ISO 9001 Certified

LCD Backlight:	Green - Ozone level < 1500 ppb
	Yellow- 1500 ppb < Ozone level < 3500 ppb
	Red - 3500ppb < Ozone level

Control Output	a) analog output 1x0 10 VDC or 4-20 mA output The voltage output or current output can be selectable by jumpers
	b) Relay output two dry-contact outputs max switching current 3A (220VCA/30VDC), resistance load

APPLICATIONS

- Specially used for detecting indoor ambient quality
- Real time measuring ozone level and analyzing: alarm when ozone level is over proof, control ozone concentrations by controlling related devices in order to reach a certain level in some special places
- Portable type for real time measuring and analyzing
- Anti-epidemic and disease prevention, sanitary inspection, environment protection, health protection, etc. AOM 3000 series is the best device used to detect and analyze ozone concentration.

FEATURES

- Design for real time detecting and monitoring ambient ozone level and temperature
- Electrochemical ozone sensor with high sensitivity
- Particular LCD display with three color backlights (Green/Yellow/Red)
- Maximum ozone measuring range: 0~5000ppb (0~9.81mg/m³)
- 2x On/Off dry contact outputs for two stages alarm device, or control a ozone generator or a ventilator
- Buzzer alarm and 3-color backlight LCD indication
- Provide 1X analog output (0,2~10VDC/4~20mA) (can be used as transmitter)
- Modbus RS485 communication interface, 15 KV antistatic protection, individual IP address
- Provide two easy ways for calibration and setup alarm points via an infrared remote controller or via the RS485 interface.
- Temperature measurement and display
- Humidity measurement and display optional
- Multiple application, wall mounting type and desktop type

GET IN TOUCH

Our assistance to our clients for over the past two decades not only provided them with most reliable and effective working ozone systems, but provided tremendous saving on operating expenses to them, as Absolute Ozone generators do not require any service repairs or maintenance first 20 years of use, when installed and used correctly.

CALL US TODAY AND LET'S DISCUSS YOUR UPCOMING OR CURRENT PROJECT

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