

Portable
ozone monitor

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Series 300 & 500

The Series 300 and 500 monitors offer real-time air quality monitoring in a user-friendly handheld device. With 28 customizable sensors, it's versatile for both indoor and outdoor use, providing reliable data for various applications.



Specification

Model	300	500
Measurement units	Gas: ppm or mg/m ³ Humidity: % Temperature °C or F	
Reading functions	Instant, minimum, maximum, average	
Sensor head	Active fan sampling to ensure high accuracy measurements, interchangeable, replaceable	
Display type	LCD	
Display status indicators	Battery, sensor, standby	
Sensor head calibration	Zero and span calibration	
Analog output	0-5V	
Power supply	12Vdc (power adaptor/charger supplied 100-250Vac)	
Rechargeable battery	Lithium-ion 12Vdc 2700 mA.h	
Enclosure material and rating	PC and ABS; IP20 and NEMA 1 equivalent	
Size (with sensor head)	(L x W x D) 195 x 122 x 54 (mm); 7 7/8 x 4 3/4 x 2 1/8 (in) (with sensor head)	
Weight (with sensor head and battery)	<460g; <16oz (with sensor head and battery)	
Environmental operating conditions	Temperature: -5°C to 45°C Humidity: 0 to 95% non-condensing	
Temperature & humidity sensor	Range -40°C to 124°C (-40°F to 255°F); Range 0 to 100 % RH	
Approvals	Part 15 of FCC Rules; EN 50082-1: 1997; EN 50081-1: 1992	
Clock function	-	Real time
Digital interface	-	RS-232 to USB
Data logging	-	Up to 8,188 records (2706 incl. Temp/RH)
PC data logging (Windows)	-	Software and data cable supplied. Link data to a specific location and monitor



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Ordering information

Model	300	500
Included	Monitor base	
	LCD digital display	
	Lithium battery and charger	
	Zero and span adjustment	
	Low and high alarm	
	0-5 V output	
		PC software
		In-built datalogger

Sensors heads available for

Ammonia (NH₃)
 Carbon dioxide (CO₂)
 Carbon monoxide (CO)
 Hydrogen (H₂)
 Hydrogen sulphide (H₂S)
 Methane (CH₄)
 Nitrogen dioxide (NO₂)
 Non methane hydrocarbon (NMHC)
 Ozone (O₃)
 Sulphur dioxide (SO₂)
 Volatile organic compounds (VOC)
 Multi-sensor head: VOC / CO / CO₂ or CO / CO₂

Optional accessories

Remote sensor kit
 Spare battery
 Car adaptor
 Wall bracket
 Carry case

Typical applications

- Ozone process control
- Personal exposure monitoring
- Source and leak detection
- Health and safety monitoring

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Optional Accessories



**Temperatur/RH
Sensor
HH TRH**



**Wall Bracket
AS R33**



**Industrial
Enclosure
HH ENC**



**Remote Sensor Kit
AS R10**



**IP41 Remote
Sensor Kit
AS R13**



**Cigarette Lighter
Adaptor
AS R32**



**Lithium Battery
AS R36**



**Carry Case Small
AS R40**



**Carry Case Large
AS R41**

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