

## Series 300 & 500

### Ozone Monitors

#### Specification

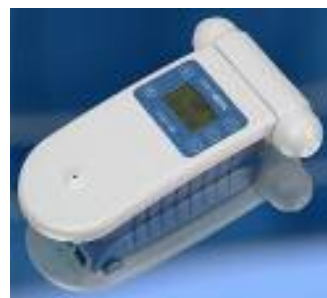
Sensor Heads	Low	High	Leak
Measurement range	0.000 - 0.500 ppm	0.00 - 20.00 ppm	0.00 - 50.00 ppm
Accuracy	± 0.010 ppm (0 - 0.100 ppm) ± 10% (0.100 - 0.500 ppm)	± 10% (0.50 - 2.00 ppm) ± 15% (2.00 - 20.00 ppm)	± 20%, 15 seconds after Reset
Resolution	0.001 ppm	0.01 ppm	0.01 ppm
Response rate	95 seconds (T90)	35 seconds (T90)	2 seconds
Sensor type	Gas-sensitive semiconductor		
Operating temperature range	-5°C to 50°C; 23°F to 122°F (sensor head and base unit)		
Relative humidity limit	95% maximum (sensor head and base unit)		

#### Series 300 and 500 Monitor Bases

Measurement units	ppm or mg/m <sup>3</sup>
Removable / replaceable sensor head	Yes
On-board alarm	Yes
Alarm status displayed	Yes
Low battery indication	Yes
Alarm mute function	Yes
Sensor condition status	Yes
Stand-by mode	Yes
External signal for alarms & control	Transistor output, 150 mA max
External signal functions	Low Alarm, High Alarm & Control
Analogue output	0 - 5 V
Power supply	12 VDC, 800 mA
Rechargeable battery pack (optional)	9.6V Ni-MH (5 hours operation)
Portable (with optional battery pack)	Yes
Permanently fixable	Screw fix
Remote Sensor Capability	Yes
Enclosure rating	IP20 & NEMA 1 equivalent
Size (with sensor head)	195 x 122 x 54 (mm); 7 7/8 x 4 3/4 x 2 1/8 (in)
Weight (with sensor head and battery)	< 460 g; < 16 oz
Approvals	Part 15 of FCC Rules EN 50082-1: 1997 EN50081-1: 1992
<b>*500 Series only:</b>	
Data interface with PC	Serial RS232
On Board Data Logging	8,000 data points
Data logging independent of PC	Yes
Data logging direct to PC	Yes
On-board real-time clock	Yes
Data logging software supplied	Yes



Series 300



Series 500