



Partner for Test & Measurement
Equipment Services and Data Solutions

Air/Gas Monitoring Multi / Single Gas Monitors



Aeroqual Series 500 Portable Ozone Monitor

Pine Item #54458

DESCRIPTION:

The Series 500 portable ozone gas monitor enables accurate real-time measurement of ozone in the air. Data is stored onboard the Series 500 with a maximum of 8,188 records available. To download the data a USB cable is supplied for connection to PC. Free PC software provided with the Series 500 takes the data and presents it in a chart or table view. Data can be downloaded and viewed in Excel.

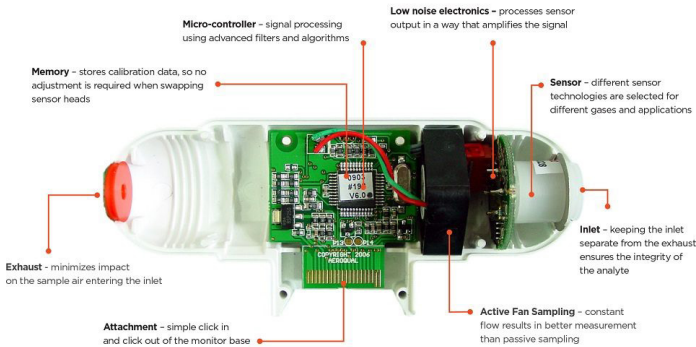
The monitor can also operate in control mode. Upper and lower control limits can be easily set directly on the display. Using the 0-5V output the Series 500 analyzer can be used to switch on or off an externally connected device such as an ozone generator or system in the presence of a predetermined level of gas.

FEATURES:

- Fits comfortably in the hand
- One monitor compatible with four different types of ozone sensor
- Data logged directly onto monitor base
- Audible alarm functionality
- Changing sensors takes seconds and can be done anywhere
- Remote sensor capability
- Long life lithium battery technology
- Zero and span calibrate in the field
- Free PC software (Windows 7, 8, XP compatible)
- Connect direct to PC via USB

APPLICATIONS:

- Wide area air quality surveys
- Checking pollution "hotspots"
- Personal exposure monitoring
- Short term fixed monitoring networks



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Product Specifications

Display:	High resolution LCD
Measurement Units:	ppm or mg/m3
Reading Functions:	Minimum Maximum & Average
Interchangeable Sensors:	Ozone (low) & Ozone (high)
Onboard Alarm:	Yes (user configurable)
Onscreen Notifications:	Alarm mute Low Battery sensor condition
Datalogger:	Onboard datalogging of 8000 datapoints
Data Interface:	RS-232 Serial
External Signals (alarm & Control):	Transistor output 150mA max
External Signal Functions:	Low & High Alarm Control
Analogue Output:	0 - 5V
Power Supply:	12V DC 800mA
Battery:	Rechargeable NiMH 9.6V
Enclosure Rating:	IP20
Calibrated Range:	0 - 2ppm (25ppm recommended maximum)
Lowest Detection Limit:	10ppb
Accuracy:	<± 10% (0 - 5ppm) <± 15% (2 - 20ppm)
Resolution:	0.01ppm
Response Time (T90):	<35 seconds
Dimensions	US: 7.6 x 4.8 x 2 in. Metric: 195 x 122 x 54 mm
Weight	US: 1.04 lb. Metric: 460 g

Series 500 Portable Ozone Monitor

Aeroqual's portable ozone monitors are widely recognised and used for its proprietary best-in-class ozone technology that delivers highly selective ozone measurement at low concentrations (down to 1 ppb). They can be used both for indoor and outdoor air monitoring.



SEE VIDEO:
<https://youtu.be/kVg1XOTpYhg>



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