

Aeroqual

Aeroqual Series 500 Portable Ozone Monitor

Pine Item #54458

DESCRIPTION:

Coronavirus / COVID-19 FEATURED ITEM!

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.

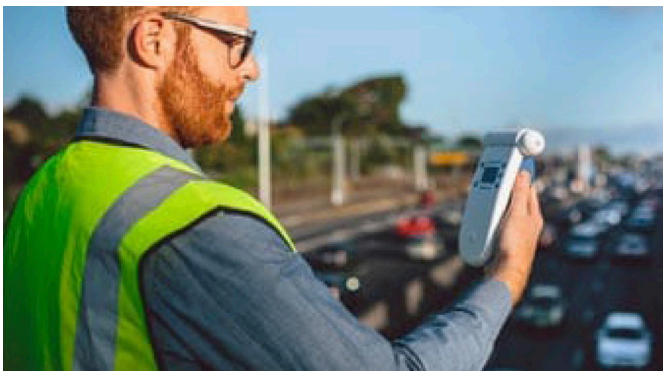
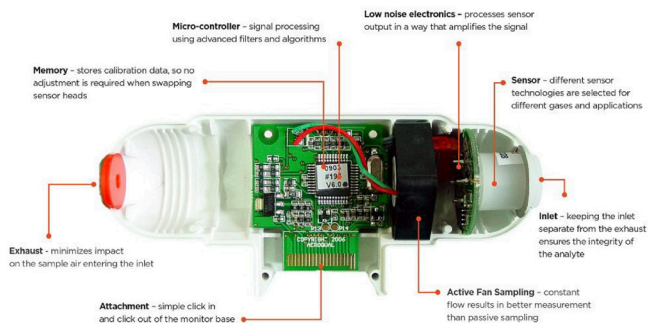
The monitor can also operate in control mode. Upper and lower control limits can be easily set directly on the display. Using the 0-5V output the Series 500 analyzer can be used to switch on or off an externally connected device such as an ozone generator or system in the presence of a predetermined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



Video:
<https://youtu.be/gH93QRX-B21o>



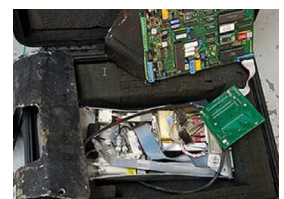
Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan