



Aeroqual

Aeroqual AQS 1 Urban Air Quality Monitor

Pine Item #

DESCRIPTION:

The AQS 1 is a compact ambient air quality monitor that targets specific pollutants in the urban environment. It can be configured to measure nitrogen dioxide, ozone and particulate matter, which are the most commonly measured pollutants in the urban environment.

Using Aeroqual's patented sensor technology the AQS 1 delivers very accurate measurements at a price that is well below traditional ambient air monitoring equipment. At the same time, its small size and lower price enable networks of greater density. By using this tool air quality professionals can gain new insight into pollutant activity in the micro-environment.

FEATURES:

- Measure the key pollutants of concern in the urban environment
- Monitor particulate matter (PM), nitrogen dioxide (NO₂) and ozone (O₃) at the same time
- Proven 1 part-per-billion (ppb) detection of O₃ and NO₂
- Highly selective O₃ and NO₂ measurements, no cross-interference
- Upgradable to measure VOCs if required
- Very high correlation to US EPA reference analyzers
- Can be field calibrated for maximum traceability
- Inlet heater to compensate for humidity effects
- Measures and reports data in 1-minute intervals with user-selectable averaging
- Onboard storage for over 5 years of data
- Rugged weatherproof enclosure with solar shielding for very hot climates
- Quick set up and relocation in under 10 minutes
- Email / SMS alerts and FTP data export (optional)
- Plug and play environmental sensors (optional)



APPLICATIONS:

- Urban air monitoring networks
- National air monitoring networks
- Short term monitoring of 'hot spots'
- Community exposure: epidemiological studies, microenvironment, residential, schools, hospitals
- Environmental Impact Assessments

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Product Specifications

Dimensions (HxWxD)	US: 19 x 13 x 7.4 in Metric: 483 x 330 x 187 mm
Weight	US: 28.6 lbs Metric: 13 kg



Local Delivery Pick-up



In-Stock Equipment



Repair & Calibration



Rental Protection Plan