



Aeroqual

Aeroqual AQS 1 Construction Air Quality Monitor

Pine Item #

DESCRIPTION:

The AQS 1 Construction Air Quality Monitor is specifically configured to measure key pollutants found at construction sites simultaneously: multiple particle fractions (TSP, PM10, and PM2.5) and nitrogen dioxide (NO2).

TSP and PM10 emissions including silica dust are generated from bulk material operations, such as earthworks, demolition, crushing and grinding operations, and from soil and aggregate stockpiling. Fine particles such as PM2.5 are emitted in the exhaust from diesel-powered construction equipment.

FEATURES:

- Measure the key pollutants present at construction sites
- Monitor particulate matter (TSP, PM10 & PM2.5) and nitrogen dioxide (NO2) simultaneously
- Highly accurate part-per-billion (ppb) detection of NO2
- Upgradable to measure VOCs, O3 if required
- Excellent correlation to US EPA reference analyzers
- Can be field calibrated for maximum traceability
- PM 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
- Plug and play environmental sensors (optional)

APPLICATIONS:

- Compliance monitoring; consents/license requirements
- Construction Environmental Management Plans (CEMP)
- Environmental Impact Assessments
- Industrial and occupational hygiene
- Health, Safety and Environmental (HSE)

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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