



CAMPBELL ASSOCIATES
SOUND, VIBRATION & AIR SOLUTIONS

AQS-1 AIR QUALITY MONITOR



KEY PRODUCT SPECIFICATIONS



MULTI-POLLUTANT
Particles & Up to Three Gases



mCERTS CERTIFIED
Indicative PM10 Monitoring



HEATED INLET
Reduced Humidity Interference



FLEXIBLE POWER
Mains, Battery or Solar



REMOTE DATA ACCESS
Alerts & Automated Reports



OPTIONAL SENSOR DATA
Weather & Noise Integration

Built for Multi-Pollutant Air Quality Monitoring. Particles, gases and remote access in one system.

The **AQS-1** is a configurable air-quality monitor designed to measure particulate matter and up to three gas pollutants simultaneously. Its heated inlet improves data reliability in humid conditions, while remote access and automated alerts support continuous environmental monitoring.

DESIGNED FOR AIR QUALITY COMPLIANCE

Suitable for construction sites, roadside locations and environmental assessments where multiple emissions must be monitored over time.

The **AQS-1** combines robust outdoor installation with continuous data access, helping teams assess environmental impacts and protect workers and surrounding communities.



TECHNICAL SPECIFICATIONS



PM1, PM2.5, PM4, PM10 & TSP
Particulate Fractions



1-MINUTE
Reporting Intervals



UP TO 3 GASES
Simultaneous Measurement



110V / 240V
Mains Power



mCERTS PM10
Indicative Ambient Monitor



OPTIONAL SENSOR DATA
Weather & Noise Parameters



POWER & DEPLOYMENT

Simple deployment with flexible mains and off-grid power options.

- **Plug-and-play** setup
- **110V or 240V** mains power
- **Battery or solar** power options
- **Tripod or pole** mounting
- **Weatherproof** outdoor enclosure
- **Suitable for remote** locations

MONITORING & ANALYSIS

Configurable measurement for complex air-quality assessments.

- **Particulate fractions** measured simultaneously
- **Up to three gas pollutants** simultaneously
- **O₃, NO₂, CO, SO₂, H₂S, CH₄ and VOC** options
- **Smart heated inlet** reduces moisture interference
- **1-minute reporting** with selectable averaging
- **mCERTS-certified PM10** monitoring

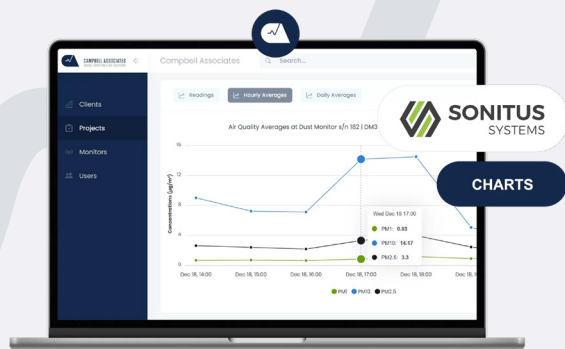
REMOTE MANAGEMENT / CLOUD

Access live data, alerts and reports remotely through Sonitus Cloud.

- **Remote data access** from any location
- **SMS and email** alerts
- **Automated compliance** reports
- **Clear data** visualisation
- **Configurable alert** thresholds
- **Stakeholder-ready** reporting

APPLICATIONS

Construction
Roadside monitoring
Environmental assessments
Industrial sites
Sensitive receptors



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