aeroqual

AQM65

SPECTO TECHNOLOGY
A WORLD OF SOLUTIONS

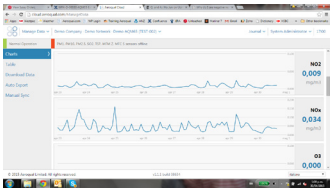
Compact Air Quality Monitoring Station

Accurate real-time air quality information, made affordable

Now you can measure outdoor air pollutants in real-time with high data quality, at a price you can afford. The AQM 65 enables Near Reference performance for 3-5 times less cost than traditional reference stations built on analyzers. Compared to cheap alternatives the AQM 65 offers much higher levels of data quality and can be calibrated in the field against certified reference standards for maximum traceability.

The AQM 65 is customized to measure the parameters your application demands. Choose from: criteria pollutants ozone (O_3), nitrogen dioxide (NO_2), nitrogen oxides (NOx), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter (TSP, PM_{10}, $PM_{2.5}$, PM_1); other special interest pollutants: volatile organic compounds (VOC), hydrogen sulfide (H_2S), carbon dioxide (CO_2); plus sensors for noise and meteorological parameters such as temperature, humidity, wind speed and direction, barometric pressure, precipitation and solar radiation.

Now with FREE web-based data & diagnostics software



Key Features

- Real-time measurement of common pollutants to WHO air quality standards
- Can be installed by one person in less than 30 min.
- Compact size creates new possible monitoring locations
- Remote data acquisition system with fail safe on board storage
- Network mode for urban and national air monitoring
- Modularity allows addition of sensors as needs change
- Temperature control permits long-term operation in extreme climates
- Can be calibrated onsite to traceable reference standards
- Optional integrated and automatic calibration
- Optional plug and play environmental sensors

Applications

- Urban and national air monitoring networks
- Industrial perimeter monitoring: petrochemical, power plants, waste sites, mining, heavy industry, airports, ports, railways, construction sites
- Near road: motorways, street canyons, traffic information systems
- Mobile vehicle-mounted monitoring
- Short term monitoring of 'hot spots'
- Community exposure: epidemiological studies, microenvironment, residential, schools, hospitals
- Environmental Impact Assessments

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