

# AQM60

## Air Quality Monitoring Station



### Accurate real-time air quality information, made affordable.

For those needing to measure and manage common outdoor air pollutants, the AQM60 enables near-analyser levels of performance at a fraction of the cost of traditional reference monitoring stations.

The AQM60 is a totally configurable instrument platform able to measure common air pollutants including ozone (O<sub>3</sub>), nitrogen dioxide (NO<sub>2</sub>), nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO), sulphur dioxide (SO<sub>2</sub>), volatile organic compounds (VOC), hydrogen sulphide (H<sub>2</sub>S), non-methane hydrocarbons (NMHC), carbon dioxide (CO<sub>2</sub>), particulate matter (TSP, PM<sub>10</sub>, PM<sub>2.5</sub>, PM<sub>1</sub>), noise and meteorological parameters such as temperature, humidity, wind speed and direction.

### Key Features

- Continuous measurement of common air pollutants
- Information available in real-time
- Compact and light enough to be carried by one person
- Quick and easy to install and relocate
- Flexible integration of meteorological and noise sensors
- On-board data-logging and remote data retrieval
- Gas modules allow for ease of maintenance
- Robust, temperature-controlled enclosure
- Automated calibration optional
- Calibrated against USEPA (40 CFR Part 53) and EU (2008/50/EC) certified equivalent method instruments

### Applications

- Urban air quality monitoring
- Perimeter: petrochemical, power plants, waste sites, industrial point sources
- Airport, ports, railways, construction sites
- Short term monitoring of 'hot spots'
- Community exposure: epidemiological studies, microenvironment, residential, schools, hospitals
- Near road: motorways, street canyons, traffic information systems
- Environmental impact assessments



### Selected Customers

- Dubai Municipality, UAE
- Vale, Brazil
- URS Corporation, Australia
- Repsol YPF, Argentina
- Directorate General of Traffic, Spain
- Saudi Electricity Company, Saudi Arabia
- Cape Town City, South Africa
- Bengkalis Municipality, Indonesia
- Qingdao Government, China