



Air quality monitoring made easy

Aeroqual Ranger™

2023

aeroqual 

Portable Professional Air Quality Monitor

Aeroqual Ranger™ is a real-time handheld monitor, with an incredible battery life. Easy to use, a high-performance design for the modern IAQ, Environmental and Occupational Hygiene consultant.



Rugged, lightweight and portable

A handheld air quality monitor which combines the capabilities of a stationary monitor with the portability of a handheld device.

Calibrated interchangeable gas & PM sensor heads

Swappable sensor heads provide world-leading measurement performance and versatility, with fast and easy calibration options.

Simultaneous measurements

Measure multiple particulate fractions (PM₁, PM_{2.5}, PM_{rsp}, PM₁₀, TSP) simultaneously in a single handheld solution



Wi-Fi Connectivity pushes data automatically to Ranger Cloud for reporting and real-time alerts. Enables remote site monitoring.



Cable data transfer allows USB data download to your laptop to process data. No software required.



Simultaneously samples, logs, and displays readings.



Long battery life (up to 24 hours), perfect for extended fieldwork.



Zero downtime on factory calibration with the Aeroqual Hot-swap service



Storage of up to 5 years of data, with a logging interval of 60 seconds.



Integrated laser optical particle counter and particle binning.



Omnidirectional inlet designed for accurate sampling at any angle.



Suitable for diverse projects, with support for 27 gas sensor heads and 15 gases.



Built-in audible alarms and backlit display.



Environmental monitoring



Industrial & occupational EHS



Bushfires



Indoor air quality assessments