

Aeroqual Ranger™

Professional Handheld 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 multiple PM measurement

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

-  **Wi-Fi Connectivity** pushes data automatically to Aeroqual 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. And fast recharge.
-  **Protective silicone boot** for durability and grip.
-  **Storage of up to 5 years** of data, with a logging interval of 60 seconds.
-  **Suitable for diverse projects**, and compatible with all 27 gas sensor heads.
-  **Omnidirectional PM inlet** designed for accurate sampling at any angle.
-  **Built-in audible alarms** and backlit display.



Environmental monitoring



Industrial & occupational
EHS



Bushfires



Indoor air quality
assessments