

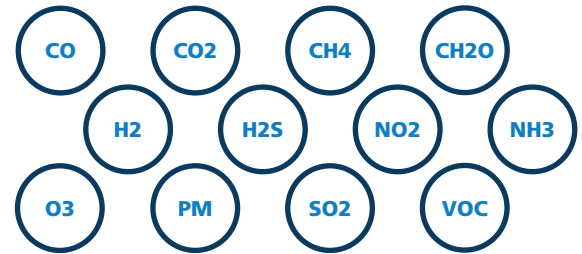
Aeroqual Ranger

Handheld Air Quality and Dust Monitor

The Aeroqual Ranger is a real-time, WIFI-enabled, portable gas and dust monitor. Interchangeable sensor heads are used to measure various target chemicals (or dust) in different ranges with various sensing technologies.

Equipped with the PMX sensor head, the Ranger measures 4-fraction particulate simultaneously, including PM10, PM2.5, PM1 and TSP. Harness the full power of the Ranger by utilizing Aeroqual Cloud, web-based multi-unit networked software for site contribution, analysis and remote monitoring with user-defined SMS/email alerts.

- ✓ Available for Rent or Sale
- ✓ World-Class Technical Support from CleanAir
- ✓ Full Inspection on Every CleanAir Rental
- ✓ Equipment Repair and Calibration Services



GSE | GSS
Laser Particle Counter
NDIR | Photoionization

TECHNICAL SPECIFICATIONS

TARGET POLLUTANTS AND PARAMETERS: PM, CO, CO2, CH4, CH2O, H2, H2S, NO2, NH3, O3, SO2, VOC

RANGE, RESOLUTION AND ACCURACY: Sensor-Dependent
28 sensor heads, spanning 15 compounds
See Sensor Specifications supplement

PMX SENSOR SPECS	RANGE	0-30 mg/m ³
	RESOLUTION	± 0.1 µg/m ³
	ACCURACY	< ±8% of reading at 0-1000 µg/m ³
	MIN DETECTION	Zero stability, ± 0.1 µg/m ³

COMMUNICATIONS: WIFI, USB-C

POWER: Li-Ion battery, >20 hr. continuous operation

ENVIRO TEMP RANGE: 14 °F to 104 °F (-10 °C to +40 °C), 0-95% RH

DIMENSIONS (INCHES): 6.75 H x 3.25 W x 1.5 D

WEIGHT: 15 oz

KEY FEATURES

- ▶ Measures real-time PM10, PM2.5, PM1, TSP
- ▶ 1-Min. and 5-min. averaged concentrations
- ▶ Automatic Cal/OSHA PM2.5 IAQ Readings
- ▶ Aeroqual Cloud data storage and tool suite
- ▶ Field calibration with zero and span gases

APPLICATIONS

- ▶ Ambient air quality testing
- ▶ Brownfields ESAs and clean-up
- ▶ Construction activities
- ▶ Worker safety, IH assessments

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