

# SERIES 200

## Portable Air Quality Monitor

The Series 200 monitor is a cost-effective portable monitor that can be used to accurately measure multiple target gases at different concentrations in indoor and outdoor applications.

Aeroqual's unique system of interchangeable sensor heads means one monitor can measure many gases, and servicing is as simple as swapping one sensor head for another.

- Interchangeable gas sensor heads
- Digital LCD display
- Min., max. and average readings
- Field-replaceable battery
- Power adaptor/charger included
- Remote sensor capability
- Lithium battery optional
- Temperature and RH sensor optional (plug-and-play)



## Specifications

Display type	LCD
Measurement units	Gas: ppm or mg/m <sup>3</sup>   Humidity: %   Temperature °C or F
Reading functions	Instant, minimum, maximum, average
Sensor head	Interchangeable, replaceable, refurbish-able
Display status indicators	Battery, sensor, standby
Sensor calibration features	Zero calibration
Power supply	12V DC (power adaptor/charger supplied 100-250V AC)
Rechargeable battery	Lithium polymer 12V DC   2700mA/h (2 hr charge time / 8 hr run time)
Enclosure material and rating	PC and ABS; IP20 and NEMA 1 equivalent
Size (with sensor head)	195 x 122 x 54 (mm); 7 <sup>5</sup> / <sub>8</sub> x 4 <sup>3</sup> / <sub>4</sub> x 2 <sup>1</sup> / <sub>8</sub> (in)
Weight (with sensor head and battery)	< 460 g; < 16 oz
Environmental operating conditions	Temperature: -5 °C to 45 °C Humidity: 0 to 95% non-condensating
Optional accessories	Remote sensor kit, spare battery, car adaptor, wall bracket, carry case
Temperature & Humidity sensor	Range -40°C to 124°C (-40°F to 255°F); Range 0 to 100% RH
Approvals	Part 15 of FCC Rules; EN 50082-1: 1997; EN 50081-1: 1992

### Accessories



Carry Case



Temp/RH sensor



Cigarette Light Adaptor



Wall Bracket

### Sensor heads are available for these gases:

- Ammonia (NH<sub>3</sub>)
- Carbon dioxide (CO<sub>2</sub>)
- Carbon monoxide (CO)
- Hydrogen (H<sub>2</sub>)
- Hydrogen sulphide (H<sub>2</sub>S)
- Methane (CH<sub>4</sub>)
- Nitrogen dioxide (NO<sub>2</sub>)
- Non methane hydrocarbon (NMHC)
- Ozone (O<sub>3</sub>)
- Sulphur dioxide (SO<sub>2</sub>)
- Volatile organic compounds (VOC)
- Multi-sensor head: VOC / CO / CO<sub>2</sub> or CO / CO<sub>2</sub>