Series 200

Portable Gas Monitor

The Series 200 monitor from Aeroqual 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^3 | 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	Ni-MH 9.6V DC | 2100mA/h (Lithium battery optional)
Enclosure material and rating	PC and ABS; IP20 and NEMA 1 equivalent
Size (with sensor head)	195 x 122 x 54 (mm); 7⅛ x 4¾ x 2⅛ (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

Sensor Heads and Accessories

Carry Case

Wall-mount bracket

Sensor heads are available for these gases:

Ammonia (NH₃)
Carbon dioxide (CO₂)
Carbon monoxide (CO)
Hydrogen (H₂)
Hydrogen sulphide (H₂S)
Methane (CH₄)
Nitrogen dioxide (NO₂)
Non methane hydrocarbon (NMHC)
Ozone (O₃)
Sulphur dioxide (SO₂)
Volatile organic compounds (VOC)
Multi-sensor head: VOC / CO / CO₂ or CO / CO₂
See *Sensor Specifications* datasheet for details