

# SERIES 300

## Portable Air Quality Monitor

The Series 300 monitor from Aeroqual is a versatile monitor with the ability to accurately measure multiple target gases at different concentrations in indoor and outdoor applications.

Able to control outputs and with built-in high and low alarms the Series 300 can function in both fixed and portable mode, offering users maximum flexibility.

- External control outputs
- High and low alarms
- Interchangeable gas sensor heads
- Easy to use and maintain
- Power adaptor/charger included
- Remote sensor capability
- Temperature and RH sensor optional (plug and play)



## Specifications

Measurement units  
Reading functions  
Sensor head  
Display type  
Alarm features  
Display status indicators  
External signal functions  
Sensor calibration features  
Analog output  
Power supply  
Rechargeable battery  
Enclosure material and rating  
Size (with sensor head)  
Weight (with sensor head and battery)  
Environmental operating conditions  
Optional accessories  
Temperature & Humidity sensor (optional)  
Approvals

Gas: ppm or mg/m<sup>3</sup> | Humidity: % | Temperature °C or F  
Instant, minimum, maximum, average  
Interchangeable, replaceable, refurbish-able  
LCD  
Low alarm, high alarm, mute (configurable)  
Alarm, battery, sensor, standby  
Low alarm, high Alarm, control (150mA max)  
Zero calibration, Span calibration  
0-5V  
12V DC (power adaptor/charger supplied 100-250V AC)  
Lithium polymer 12V DC | 2700mA/h (2 hr charge time / 8 hr run time)  
PC and ABS; IP20 and NEMA 1 equivalent  
195 x 122 x 54 (mm); 7 7/8 x 4 3/4 x 2 1/8 (in)  
< 460 g; < 16 oz  
Temperature: -5 °C to 45 °C ; Humidity: 0 to 95% non-condensating  
Remote sensor kit, spare battery, car adaptor, wall bracket, carry case  
Range -40°C to 124°C (-40°F to 255°F); Range 0 to 100% RH  
Part 15 of FCC Rules; EN 50082-1: 1997; EN 50081-1: 1992

### Accessories



Carry Case



Temp/RH sensor



Cigarette Light Adaptor



Wall Mount

### 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>