

Portable  
ozone monitor

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# Series 200

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. The 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.



## Specification

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	12 V DC (power adaptor/charger supplied 100-250V AC)
Rechargeable battery	Lithium polymer 12 V DC   2,700 mA/h (2 h charge time / 8 h run time)
Enclosure material and rating	PC and ABS; IP20 and NEMA 1 equivalent
Size (with sensor head)	195 x 122 x 54 mm; 75/8 x 4¾ x 21/8 in
Weight (with sensor head and battery)	< 460 g; < 16 oz
Environmental operating conditions	Temperature: -5 °C to 45 °C (23 °F to 113 °F); Humidity: 0 to 95% non-condensating
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

## Benefits

- Very easy to use
- Fits comfortably in the hand
- Remote sensor capability
- Long life lithium battery technology
- One monitor compatible with four different ranges of ozone sensor
- Changing sensors takes seconds and can be done anywhere
- Large display gives min., max. and average readings
- To recalibrate simply send the sensor back to the factory



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## Portable ozone monitor

### Typical applications

- Verification of fixed ozone monitor measurements
- Spot checking ozone concentrations
- Health and safety monitoring
- Indoor air quality

### Ordering information

<b>Included</b>	Monitor base	
	LCD digital display	
	Lithium battery and charger	
	Configurable min, max, average readings	
	Zero calibration	
<b>Features</b>	Temperature/relative humidity sensor (optional)	
	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	
<b>Sensors heads available for</b>	Temperature and RH sensor optional (plug-and-play)	
	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> eller CO / CO <sub>2</sub>	
	<b>Optional accessories</b>	Remote sensor kit
		Spare battery
Car adaptor		
Wall bracket		
Carry case		

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