



# 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.



## TYPICAL APPLICATIONS

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

## 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	12 V DC (power adaptor/charger supplied 100-250V AC)
Rechargeable battery	Lithium polymer 12 V DC   2700 mA/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; 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





# SERIES 200

## ORDERING INFORMATION

### Included

Monitor base  
LCD digital display  
Lithium battery and charger  
Configurable min, max, average readings  
Zero calibration  
Temperature/relative humidity sensor (optional)

### Features

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)

### Sensors heads available for

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>

### Optional accessories

Remote sensor kit  
Spare battery  
Car adaptor  
Wall bracket  
Carry case

Elektravägen 53  
SE-126 30 Hägersten, Sweden  
+46 8 714 07 00  
[www.ozonotech.com](http://www.ozonotech.com)