



# Datasheet

OxyGuard Ozone Sensor  
Product no. G20



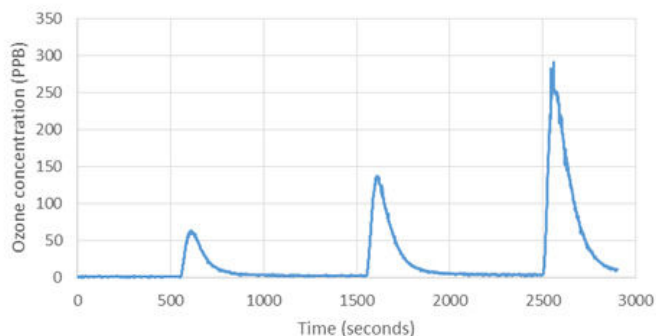
## Intended use

The OxyGuard Ozone Sensor measures the partial pressure of ozone directly, without electrolytes, reagents or light. It provides high-resolution measurements down to just a few µg/L, responds quickly to changes in ozone concentration and requires very little maintenance. The fast response makes it possible to check that no detectable ozone remains in the water after treatment and is helping to maintain a safe operation.

## Technical specifications

|                       |                                                                                                                                                                                                                        |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Units of measure      | ppb (µg/L)                                                                                                                                                                                                             |
| Measuring range       | The required measuring range must be specified when ordering<br>A typical measuring range is 0–600 µg/L, but sensors can be supplied with ranges from 0–200 µg/L up to 0–1600 µg/L<br>We advise on ranges upon request |
| Operating temperature | 0–40 degrees Celsius (°C). 32–104 degrees Fahrenheit (°F)                                                                                                                                                              |
| Dimensions            | Diameter 40 mm, length 104 mm                                                                                                                                                                                          |
| Weight                | Approx. 0.2 kg without cable, 0.5 kg with 7 m cable                                                                                                                                                                    |
| Cable length          | 7 m standard (other lengths on request)                                                                                                                                                                                |
| Response time         | 90% in less than 45 seconds                                                                                                                                                                                            |
| Measurement medium    | Water. An ozone sensor for measurement in air is available on request                                                                                                                                                  |

## Measurements with ozone probe



Response time: Ozone is added after 500 seconds, and the sensor responds almost immediately. The same result can be observed when adding increasing portions of ozone after 1500 and 2500 seconds. A fast breakdown of the ozone is seen as well.

## Installation

The sensor can be connected to OxyGuard Pacific and Marlin systems and the Gaia Ozone Generator from Water ApS.

## Order information / part numbers

|                                                                             |                    |
|-----------------------------------------------------------------------------|--------------------|
| OxyGuard Ozone Sensor. The measuring range must be specified when ordering. | Item no: G20       |
| Replacement probe for the G20 Ozone Sensor                                  | Item no: G20REPMPL |
| Adaptor for Ozone probe, 2" BSP thread-mount                                | Item no: G20XP     |

*Data subject to change without notice; Ozone Sensor, no. G20 datasheet GB 2026 08*