



Datasheet

OxyGuard Ozone Sensor
Product no. G20



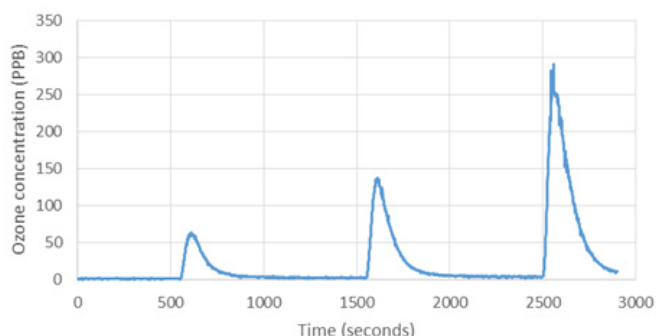
Intended use

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 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 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