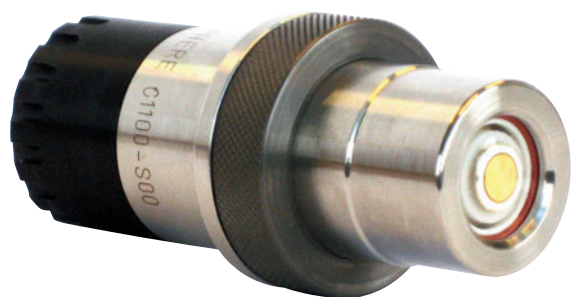


Orbisphere C1100 Ozone Sensor



Time and Cost Saving Ozone Sensor

Eliminate Product Loss

Withstanding pressure up to 40 bar, the Hach Orbisphere C1100 is the only ozone sensor in the industry that can be placed directly in the process pipe. This eliminates the need to send product to drain and amounts to a typical savings of 380 gallons per day.

Maintenance in Less Than Five Minutes

Traditional cleaning processes can take more than thirty minutes to complete, but with the C1100 patented cartridge system, both the set-up and the initial sensor replacement procedure can be performed in less than five minutes without the need for a trained technician.

True Zero Reading: Drift-free and Accurate Measurements

The unique platinum guard ring technology prevents false signals arising from the electrolyte. Operators can be confident of measurements and alarm settings knowing the sensor does not require a separate "zero" calibration.

Fast, Easy, and Reliable Calibration

The C1100 ozone sensor has a unique air calibration feature that offers operators a quick and easy method to calibrate without requiring an external standard. Air calibration provides an accuracy of $\pm 5\%$ (achieving better than $\pm 1\%$ against an ozone standard of known concentration). The Orbisphere C1100 is the only sensor that provides such certified high accuracy!

Extended Life Expectancy

The robust stainless steel design makes the C1100 sensor ideal for the most demanding applications, extending the life expectancy of the sensor from 5 to 10 years.



Technical Data*

Range	0 ppb - 50 ppm O ₃
Accuracy	± 0.4 ppb or $\pm 5\%$, whichever is the greater
Pressure Range	Stainless steel: up to 40 bar Titanium: up to 100 bar
Lower Limit of Detection (LOD)	0.6 ppb
Response Time	30 s
Temperature Range	Working operating range: -5 - 45 °C (23 - 113 °F) Maximum operating range: -5 - 100 °C (23 - 212 °F)
Membrane	2956A-C
Flow Rate	350 mL/min (typical)

**Subject to change without notice.*

Order Information

C1100-T00	Electrochemical ozone sensor, titanium version, maximum pressure 100 bar, with Smart capability
C1100-S00	Electrochemical ozone sensor, stainless steel version, maximum pressure 40 bar, with Smart capability
2956A-CT	Recharge kit of 4 pre-filled cartridges with pre-mounted 2956A membranes for C1100 ozone sensors with 33051-xT cap only.

Learn More

