



Orbsphere C1100 Ozone Low Pressure Sensor, Stainless Steel, 4 bar

Product #: C1100-LP0
ZAR Price: Contact Hach

Time- and Cost-Saving Ozone Sensor

Electrochemical ozone sensor, Stainless Steel version, maximum pressure 4 bar, with Smart Capability. The C1100 can measure O_3 below 1 ppb level with performance unrivaled in the market.

The Orbsphere C1100 sensor is designed to measure ozone in ultra pure water loops, or in the sanitising phase of any beverage production line (bypass).

This unique sensor does not require a specific set up or skilled operators for in-line operation.

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.

Low-Touch, Low-Drift Technology

The sensor can remain up to 6 months without calibration. By using a unique platinum guard ring technology, the sensor does not require a separate zero calibration, minimising intervention and low-end drift.

More Accurate than the Lab

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. This air calibration provides better accuracy than the lab and can be done on the operating floor.

Built to Last

The robust stainless steel design makes this sensor extremely robust, with life expectancy going up to 10 years.

Specifications

Accuracy:	± 0.4 ppb or $\pm 5\%$ whichever is the greater
Application:	Municipal Beverage
Certifications:	2004/108/EC - EN 61326-1
Certified for hazardous environment:	No
Flow Rate:	350 mL/min (typical)
Lower Limit of Detection (LOD):	0.6 ppb
Material:	Stainless Steel
Measuring range:	0 ppb - 50 ppm O_3

Membrane:	2957A-LP
Pressure Range:	Up to 4 bar
Range:	0 ppb - 50 ppm O ₃
Response Time:	30 s
Temperature Range:	Working operating range: -5 - 45 °C
	Maximum operating range: -5 - 100 °C
What's included?:	Sensor only.
	Controller, sensor cable, flow-chamber or process connection must be ordered separately.

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