



Orbisphere A1100 Oxygen Sensors

The Orbisphere A1100 oxygen (O₂) sensor is the latest development of the well-known and proven Orbisphere Electro-Chemical (EC) sensors. This sensor is designed for process monitoring as well as for laboratory analysis in the liquid or gas phases across a wide range of applications: From beer or soft-drink production to rinsing of semiconductor wafers in chip-manufacturing plants, reactor coolant systems in nuclear power plants, or any place where oxygen measurement is critical.

The A1100 features unrivalled accuracy and response time for fast detection of process change. The unique design of the Orbisphere sensor allows for extended periods between recharges.

- Ideal for Harsh Environments
- Simple Installation and Operation
- Low Maintenance
- Easy Calibration
- Uncomplicated Data Management

Part Number	Measuring range	Accuracy	Wetted materials	Sample pressure	GBP Price
A1100-S00	Range at 25 °C 2935A-A: 10 ppb - 400 ppm or 20 Pa - 1,000 kPa 2952A-A: 1 ppb - 80 ppm or 5 Pa - 200 kPa 2956A-A: 0.1 ppb - 20 ppm or 0.25 Pa - 50 kPa 29552A-A: 2 ppb - 80 ppm or 5 Pa - 200 kPa	±1% of reading, or ± lower measurement range, whichever is greater ±1% of reading, or ± lower range, whichever is greater (Assuming correct calibration)	Stainless Steel 1.4404 (AISI 316L), surface finish: N5, Ra < 0.4 µm Membrane (see specification table). No O-rings are in contact with the sample.	0 - 100	Contact Us
A1100-S0S	Range at 25 °C 2935A-A : 10 ppb-400 ppm or 20 Pa-1,000 kPa 2952A-A : 1 ppb-80 ppm or 5 Pa-200 kPa 2956A-A : 0.1 ppb-20 ppm or 0.25 Pa-50 kPa 29552A-A : 2 ppb-80 ppm or 5 Pa-200 kPa	±1% of reading, or ± lower measurement range, whichever is greater	Stainless Steel 1.4404 (AISI 316L), surface finish: N5, Ra < 0.4 µm Membrane (see specification table). No O-rings are in contact with the sample.	0 - 100	Contact Us

Part Number	Measuring range	Accuracy	Wetted materials	Sample pressure	GBP Price
A1100-S00T	<p>Range at 25 °C 2935A-A : 10 ppb-400 ppm or 20 Pa-1,000 kPa</p> <p>2952A-A : 1 ppb-80 ppm or 5 Pa-200 kPa</p> <p>2956A-A : 0.1 ppb-20 ppm or 0.25 Pa-50 kPa</p> <p>29552A-A : 2 ppb-80 ppm or 5 Pa-200 kPa</p>	±1% of reading, or ± lower measurement range, whichever is greater	<p>Stainless Steel 1.4404 (AISI 316L), surface finish: N5, Ra < 0.4 µm</p> <p>Membrane (see specification table).</p> <p>No O-rings are in contact with the sample.</p>	0 - 100	Contact Us