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Optical Dissolved Oxygen Sensor Cap Guide

Optical dissolved oxygen sensors have many advantages over electrochemical sensors - no stirring requirement, no warm-up time, and higher accuracy. In addition to these distinct advantages, optical sensors also require less maintenance. Rather than changing membranes every 2-6 weeks, optical sensor caps with a 1 year warranty typically last 15-18 months, while those with a 2 year warranty typically last 24-28 months. Optical sensor caps come pre-installed on new optical sensors with sensor cap coefficients pre-loaded into the sensor at the factory.

When it does come time to replace the sensor cap on your optical sensor, please refer to the table below. Ensure the sensor cap is correctly installed by following the instructions included with each replacement sensor cap.

Sensor or Probe/Cable Assembly the ODO Sensor Cap is Compatible with	Instrument platform	ODO Sensor Cap Item Number	Warranty
ProDSS optical dissolved oxygen sensor (626900)	ProDSS handheld	626890	1 year
ProDSS ODO/CT optical dissolved oxygen probe and cable assemblies (627150)	ProDSS handheld	627180* (Extended Warranty)	2 years
		627160*	1 year
ProODO optical dissolved oxygen probe and cable assemblies with mil-spec (Pro Series) connector (626250)	ProDSS handheld ProODO handheld	626320	1 year
ProODO optical dissolved oxygen probe and cable assemblies with aquaculture connector (626200)	5500D aquaculture monitors		
ProOBOD optical dissolved oxygen probe and cable assemblies with mil-spec (Pro Series) connector (626400 or 626401)	ProDSS handheld ProODO handheld	626482	1 year
ProOBOD optical dissolved oxygen probe and cable assemblies with MultiLab IDS connector (626500)	MultiLab 4010-1, 4010-2, and 4010-3 lab instruments		
EXO optical dissolved oxygen sensor (599100-01)	EXO1 and EXO2 sondes	599110	1 year
EcoSense optical dissolved oxygen probe and cable assemblies (606327, 606328, and 606304)	EcoSense ODO200 handheld	606326	1 year
FDO 700 IQ and FDO 700 IQ SW	IQ SensorNet	201 654Y (Standard)	2 years
FDO 701 IQ and FDO 701 IQ SW	IQ SensorNet	201 655Y (Fast Response)	6 months
YSI 6150 ROX (606150)	6-Series sondes	606155	1 year

*Sensor cap 627160 does not come pre-installed on ProDSS ODO/CT probe and cable assemblies, but it is available as a replacement sensor cap. Sensor cap 627180 is a more rugged sensor cap that comes pre-installed on these assemblies.

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