



## **IntelliCAL™ LDO101 Rugged Luminescent/Optical Dissolved Oxygen (LDO) Probe, 15 meter cable**

**Product #: LDO10115**

### **Luminescence-based LDO technology - no replacement of electrolyte, no interference by deposits or H<sub>2</sub>S**

IntelliCAL™ LDO101 is a digital, luminescent/optical dissolved oxygen (LDO) probe. The rugged version is available with a 5, 10, 15, or 30 meter cable and is intended for field use. The LDO101 is ideal for measuring dissolved oxygen in wastewater, drinking water and general water quality applications.

**Hach IntelliCAL™ LDO is a revolutionary breakthrough in the measurement of dissolved oxygen, eliminating the numerous reliability and maintenance concerns inherent of older DO measurement technologies.**

The IntelliCAL™ LDO optical dissolved oxygen probe has no membranes to clean or replace, no electrolyte solution to replenish, and reduces calibration frequency. Trusted for dissolved oxygen measurement by thousands of facilities around the world.

**IntelliCAL™ Rugged digital probes can reliably test in the harshest environmental conditions**

Stainless steel body, polymer sensor shroud, and reinforced, steel-sheathed cables protect the probe for measurement anywhere in the field

**IntelliCAL™ digital probes provide ultimate traceability in measurement history**

Stored time and date stamp for each measurement, operator and sample ID, calibration history, parameter, and probe serial number.

**IntelliCAL™ digital probes alert the user when re-calibration is needed**

No guesswork needed to provide the most reliable and accurate results with each measurement.

**IntelliCAL™ digital probes can be moved between meters without the need to re-calibrate or re-enter measurement settings**

Ideal for a multi-user environment with multiple HQd series Laboratory and Portable meters.

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## **Specifications**

Cable Length:	15 m
Connector:	HQD specific
Diameter:	45 mm
Dimensions (D x L):	45 mm x 250 mm
Filling Solution:	-
Length:	250 mm
Material:	Sensor Body: Polycarbonate / Abs with Stainless Steel
Parameter:	Dissolved Oxygen
Probe Type:	Rugged
Sensor Type:	Lumiphore
Special Feature:	LDO technology. No membranes.
Temperature Range:	Continuous use: 0 to 50 °C
Weight:	2.72 lbs. (1.232 kg)

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## **What's in the box?**

Includes: IntelliCAL LDO101 Rugged Luminescent Dissolved Oxygen (LDO) probe, calibration certificate, and Basic User Manual.

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## **Required Accessories**

- Replacement LDO Sensor Cap for LDO101 Luminescent/Optical Dissolved Oxygen Probes (Item 5811200)