



## Intellical LDO101 Laboratory Luminescent/Optical Dissolved Oxygen (DO) Sensor, 3 m Cable

**Product #:** LDO10103  
**ZAR Price:** Contact Hach  
**Ships within 3 days**

### Luminescence-based LDO technology for the lab

Intellical LDO101 is a digital, luminescent/optical dissolved oxygen (LDO) probe. The laboratory version is available with a 1 or 3 meters cable. The LDO101 is fitted with an automatic pressure sensor module and a temperature sensor. LDO101 probes are fully calibrated at the factory. New LDO101 probes no longer require iButtons. The days in use tracking feature and the remaining sensor cap life reminder are initialized on the day of first 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 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

Accuracy:	±0.1 mg/L from 0 to 8 mg/L
Cable Length:	3 m
Electrode Type:	Luminescent Dissolved Oxygen
Kit?:	No
Length:	191 mm
Method Type:	Field: Luminescent Dissolved Oxygen
Parameter:	Dissolved Oxygen (DO)
Pressure accuracy:	±0.8%
Pressure Resolution:	1 mbar (1 hPa)
Product Kit:	Model: LDO101
	Accessories Included: None
Range:	0.05 - 20.0 mg/L 1 - 200% saturation
Resolution:	0.01/0.1 (5 digits max.)

Saturation resolution:	0.1 %
Sensor material:	Polycarbonate / ABS
Sensor Type :	Lumiphore
Temperature Accuracy:	±0.3 °C
Temperature Range:	0 - 50 °C
Temperature resolution:	0.1 °C
Test requirements:	Parameter Needed: Dissolved Oxygen
	Minimum Sample Depth (mm): 10
Thermistor :	ATC
Warranty:	36 months
Weight:	0.15 kg
What's included?:	Intellical LDO101 Rugged Luminescent Dissolved Oxygen (LDO) probe, 3 m cable, protective shroud kit, DO cap, and Basic User Manual.

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