



IntelliCAL™ LBOD101 Luminescent/Optical Dissolved Oxygen (LDO) Probe for BOD Measurement (1-meter cable)

Product #: LBOD10101

USD Price: \$971.00

Available

A Breakthrough in BOD Measurement!

Hach LBOD IntelliCAL™ probe uses patented LDO® technology to deliver superior confidence in results.

IntelliCAL™ LBOD101 is the latest embodiment of Hach's patented Luminescent Dissolved Oxygen (LDO) technology. The LBOD101 is a digital, luminescent dissolved oxygen (LDO) sensor with a replaceable, integrated stirring system. The LBOD101 measures the dissolved oxygen for BOD (Biochemical Oxygen Demand) determination in BOD bottles in BOD5 testing applications. The LBOD101 probe is used for initial and final dissolved oxygen measurements.

The Hach IntelliCAL™ LBOD101 optical dissolved oxygen probe improves confidence in the BOD5 testing procedure by reducing variance and maintenance while increasing stability, accuracy, precision, and efficiency (tests per unit time).

The IntelliCAL™ LBOD101 probe has no membranes to foul or replace, no electrolyte solution to replenish, and fast, reliable 2-point calibration that stabilizes quickly. Additionally, there is no 30-minute polarization and warm-up time with the LBOD101 probe.

IntelliCAL™ LBOD101 low maintenance requirements keeps lab down-time to a minimum

The IntelliCAL™ LBOD101 has no membranes to replace (lower cost of ownership), features a replaceable stirrer assembly and a long-life patented magnetic-based motor that is also replaceable.

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 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.

Specifications

Accuracy:	±0.1 for greater than 10 mg/L
Cable Length:	1 m
Connector:	HQD specific
Diameter:	15.875 mm
Dimensions (D x L):	15.875 mm x 200 mm
Length:	200 mm
Material:	Sensor Body: Polycarbonate / Abs
Probe Type:	Laboratory
Resolution:	0.01 mg/L
Sensor Type:	Lumiphore
Special Feature:	LDO technology. Designed for BOD applications. No membranes.
Temperature Range:	0 to 50 °C
Weight:	0.5 lbs. (0.225 kg)

What's in the box?

Includes: IntelliCAL LBOD101 Luminescent Dissolved Oxygen (LDO) probe for BOD measurement, calibration certificate, and Basic User Manual.