

DO-100

OPTICAL | DISSOLVED OXYGEN | RANGER



The DO-100 plug-and-play optical dissolved oxygen sensor is designed to save time on setup with no membranes, liquids or air bubbles to worry about. Zero calibration is taken care of in the factory, saving time and errors. The optical design ensures no oxygen is consumed from sample, giving you confidence in your measurements. Designed to be slim enough to fit inside a wine bottle, this DO sensor is simple and convenient.

- Integrated temperature
- Protective wetting cap
- Conveniently slim
- Easy to clean
- No-fuss design
- For the field or the lab

Compatible with RANGER HANDHELD

DO Range	DO - 0.00 to 50.00 mg/L Saturation - 0.0 to 500.0 %
DO Resolution	0.01 mg/L, 0.1%
DO Accuracy	0-100% < ± 1%, 0.1 mg/L 100-200% < ± 2 %, 0.2mg/L
DO Response Time	< 90 seconds to 95% of full response
DO Sensor Type	Optical
DO Calibration	1 Point (100%) Auto Buffer Recognition
Temperature Sensor	Integrated
Temperature Sensor Resolution	0.1 °C
Temperature Sensor Accuracy	±0.2 °C
Sensor Body Material	Polycarbonate
Sensor Wetted Material	ABS and Stainless
Operating Temperature Range	0 - 50 °C
Weight	89 grams
Size	25mm (Dia), Length- 252mm (L)
Ingress Protection	IP67

Separate, replaceable cable
Full flexibility to swap and change

LED stability indicator
Saves time and produces consistent results



Colour Coded parameter ring
Matches icon on screen

Built-in sensor memory
Saves calibration on the sensor

Integrated temperature
Saves time on calibration and measurement