

LDO200 Portable Dissolved Oxygen Analyzer



Principle:

Portable dissolved oxygen apparatus is composed of main engine and fluorescence dissolved oxygen sensor. Advanced fluorescence method is adopted to determine the principle, no membrane and electrolyte, basically no maintenance, no oxygen consumption during measurement, no flow rate/agitation requirements; With NTC temperature-compensation function, the measurement results have good repeatability and stability.

Application:

Widely used in aquaculture, sewage treatment, surface water, industrial and agricultural water supply and drainage, domestic water, boiler water quality, swimming pool, scientific research universities and other industries and fields water DO field portable monitoring.

Features:

- Total machine IP66 protection grade;
- Ergonomic curve design, with rubber gasket, suitable for hand handling, easy to grasp in wet environment;
- Factory calibration, one year without calibration, can be calibrated on the spot;
- Digital sensor, easy to use, fast, and the host plug and play;
- With USB interface, you can charge the built-in battery and export data through USB interface.

Technical specifications:

Model	LDO200
Measuring method	Fluorescence (Optical)
Measurement range	0.1-20.00mg/L, or 0-200 % saturation Temperature: 0 to 40 °C
Measurement accuracy	±3% of measured value ±0.3°C
Display resolution	0.1mg/L
Calibrating spot	Automatic air calibration
Housing material	Sensor: SUS316L; Host: ABS+PC
Storage temperature	0 °C to 50°C
Operating temperature	0°C to 40°C
Sensor dimensions	Diameter 25mm* length 142mm; Weight: 0.25 KG
Portable host	203*100*43mm; Weight: 0.5 KG
Waterproof rating	Sensor: IP68; Host: IP66
Cable Length	3 meters (extendable)
Display screen	3.5 inch color LCD display with adjustable backlight
Data Storage	8G of data storage space
Dimension	400×130×370mm
Gross weight	3.5KG