

LABWAN DISSOLVED OXYGEN METER

► Product Description

LABWAN Microprocessor-based Dissolved Oxygen Meter with a measurement range of 0.00–20.00 mg/L, resolution of 0.1/0.01 ppm, and accuracy of ± 0.2 mg/L. It measures oxygen saturation up to 200%, features automatic temperature compensation (0–50°C), salinity and barometric pressure correction, 1–2 point calibration, and memory for 500 readings with date and time.

► Features

- 1 or 2 points auto-calibration (100% in saturated air or air-saturated water, 0% in zero oxygen solution).
- Automatically compensates salinity and barometric pressure after manual input.
- Selectable readout in ppm, mg/L or % saturation.
- Selectable temperature units: °C & °F.
- Automatic temperature compensation ensures high accuracy of measurement.
- Automatic endpoint function freezes the stable measured values for easy reading and recording data.
- Calibration due reminder prompts you to calibrate the meter regularly.
- Help message as an operational guide to help you understand how to use the meter.
- Setup menu lets users customize calibration point, resolution, stability condition of measurements, temperature unit, date/time to meet personal preferences.
- Expanded memory stores and recalls up to 500 readings.
- Built-in real-time clock stamps stored data to meet GLP standards.



Technical	Specification
Product name	LABWAN Dissolved Oxygen Meter
Model name	LDO-980
Dissolved Oxygen range	0.00~20.00 mg/L or ppm
Resolution	0.1, 0.01 ppm (selectable)
Accuracy	±0.2 mg/L or ppm
Saturation of Oxygen	0.0 ~ 200.0 %
Accuracy	±2.0%
Temperature Range & Accuracy	0.0 ~ 50.0°C & ± 0.5°C
Temperature Compensation	0~50°C, Automatic
Salinity Correction	0 ~ 50g/L
Barometric pressure correction	60.0 ~ 112.5kPa , 450~850 mmHg
Calibration Point	1 or 2 points (100% in air or 0% in zero oxygen solution)
Memory	500 data set with data & time
Power Supply	DC 5V adapter ,using AC 220V / 50HZ
Dimensions L x W x H (mm) & Weight	210 X 188 X 60 & 1.2 kg

▶ Application/Uses

- Water quality testing and monitoring.
- Wastewater and sewage treatment plants.
- Environmental monitoring of rivers, lakes, and ponds.
- Aquaculture and fish farming.
- Laboratory analysis of dissolved oxygen levels.
- Industrial water treatment and process control.