

LMDO50

CATALOGUE 2024-25



E - Catalogue

Dissolved Oxygen Meter

LMDO50

LMDO50 is a professional bench top dissolved oxygen meter designed for laboratory applications. The meter is equipped with a polarographic sensor for measurement of dissolved oxygen concentration or % saturation in water

SALIENT 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 between degrees Celsius (°C) and degrees Fahrenheit (°F).
- ✦ Automatic Temperature Compensation ensures high accuracy of measurements.
- ✦ 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 helps you understand how to use meter.
- ✦ Setup menu lets user customize calibration points, resolution, stability condition of measurements, temperature units, date/time to meet personal preferences.
- ✦ Reset function allows user to returns all settings to the factory default values.
- ✦ Expand memory stores and recalls up to 500 readings.
- ✦ Built-in real-time clock stamps stored data to meets GLP standards.

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**Dissolved Oxygen Meter**

HSN Code : 90275090

SPECIFICATIONS	Model	LMDO50
	Make	LABMAN
	Dissolved Oxygen Range	0.00~20.00mg/L or ppm
	Resolution	0.1, 0.01 ppm, (Selectable)
	Dissolved Oxygen Accuracy	± 0.2mg/L or ppm
	Saturation of Oxygen	0.0~200.0%
	Resolution	0.1 / 1%, selectable
	Accuracy	± 2.0%
	Temperature Range	0.0~50.0°C
	Temperature Accuracy	± 0.5°C
	Temperature Compensation	0~50°C, Automatic
	Salinity Correction	0~50g/L
	Barometric Pressure Correction	60.0~112.5kPa, 450~850mmHg
	Calibration Points	1 or 2 points (100% in air or 0% in zero oxygen solution)
	Temperature Compensation	0 to 50°C / 32 to 122°F, automatic
	Memory	500 data sets with data & Time
	Display	LCD
	Hold Function	Available
	Interface	USB
	Connector	6-pin mini-DIN
	Stability	Low / High
	Power supply	Adaptor, Using AC 220V,50/60Hz
	Dimensions LxWxH (mm)	210 X 188 X 60
	Gross Weight	1.2 kg

★ Specifications are subject to change without notice.

**STANDARD ACCESSORIES** : Main Instrument, DO Probe, Probe Membrane Cap, USB Adaptor, Electrode Stand, Electrolyte Solution, Test Certificate