

LMD050
(Microprocessor based)



Dissolved Oxygen Meter

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.

LMD050 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

HSN Code : 9027

Model	LMD050
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%
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)
Memory	500 data sets with data & Time
Power supply	DC 5V adapters, using AC 220V / 50Hz,
Dimensions LxWxH (mm) & Weight	210 X 188 X 60 & 1.2 kg

SPECIFICATIONS

★ Specifications are subject to change without notice.

STANDARD ACCESSORIES : Dissolved Oxygen Probe, Electrode Stand, 5V AC Adaptor & Instruction Manual.