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Product Name :

Digital Dissolved Oxygen Meter

Product Code :

SLE/LI/05



Description :

Digital Dissolved Oxygen Meter (Product Code: SLE/LI/05) is a table-model instrument used to measure the oxygen dissolved in water, an index of the biological and physical processes taking place in it, in environmental, microbiology and teaching laboratories. It reads 0 to 20.0 ppm with 0.1 ppm resolution through an amperometric gold/silver membrane probe, with temperature compensation from 0 °C to 50 °C. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Range (DO)	0 to 20.0 ppm
Resolution (DO)	0.1 ppm
Accuracy (DO)	0.1 ppm + 1 count
Sensor	Amperometric gold/silver membrane DO probe
Temperature compensation	0 °C to 50 °C
Manual compensation (DO)	+3%
Display	3½ digit LED
Model	Table model
Power	230 V AC, 50 Hz
Weight	2 kg
Product code	SLE/LI/05
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is a Dissolved Oxygen Meter Used For?

Dissolved oxygen is one of the clearest signs of water health: fish and aerobic microbes need it, and organic pollution uses it up. Laboratories use a dissolved oxygen meter in India for river and lake surveys, effluent treatment monitoring, aquaculture tanks and the BOD test, where the oxygen in sealed BOD bottles is measured before and after incubation. Environmental engineering, microbiology and zoology departments also use it in practical classes.

Keep the probe membrane clean, moist and free of trapped air bubbles, and move the probe gently or stir the sample so fresh water keeps reaching the membrane. Note the sample temperature, since oxygen solubility changes with it. Rinse the probe with distilled water after use.

OEM Manufacturer

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