



KLABS Microprocessor D.O Meter



Product Description

The KLABS KL-DOM-52 Microprocessor Dissolved Oxygen (D.O.) Meter is a precision laboratory instrument designed for accurate measurement of dissolved oxygen and temperature in aqueous samples. Featuring a microprocessor-based control system, large LCD display, USB connectivity, data storage capability, and automatic temperature compensation, the instrument delivers reliable and stable analytical performance. It is ideally suited for water quality analysis, environmental monitoring, research laboratories, aquaculture, educational institutions, and industrial applications.

Features

- Microprocessor Based Operation
- Large 16×2 LCD Display
- Simultaneous D.O. & Temperature Display
- Data Storage Facility for 1000 Samples with Date & Time
- USB Computer Interface
- Automatic Temperature Compensation
- Gold/Silver D.O. Probe
- Accurate & Stable Measurement Results
- Compact Bench-top Design
- Easy Calibration & Operation
- Software Controlled System
- Reliable Laboratory Performance

Application/Uses

- Water Quality Testing Laboratories
- Environmental Monitoring Laboratories
- Research Institutes
- Aquaculture & Fisheries
- Wastewater Treatment Plants
- Pharmaceutical Laboratories
- Industrial Process Monitoring
- Educational Institutions



LCD
DISPLAY



ACCURATE
& STABLE



SOFTWARE
CONTROL SYS.



EASY
OPERATION



USB
CONNECTIVITY

Technical Specifications

Parameter	Specification
Product Name	Microprocessor D.O. Meter
Model Number	KL-DOM-52
Display	16 × 2 LCD Display
Display Format	Temperature & D.O. Simultaneously
Storage Capacity	1000 Samples with Date & Time
Interface	USB
D.O. Range	0 to 20 ppm
D.O. Resolution	0.1 ppm
Temperature Compensation	Automatic with Pt-100 Probe & Manual
Pressure Adjustment	0 to 999 MM of Hg (Manual)
Salinity Correction	0 to 20 g/L (Manual)
D.O. Calibration	Automatic
D.O. Accuracy	±2% + 1 Digit
Temperature Range	-20.0°C to +200°C
Temperature Resolution	0.1°C
Temperature Accuracy	±0.2%
Input Type	Pt-100
Temperature Calibration	Manual
Power Supply	230V AC, 50 Hz
Weight	1 Kg

Standard Accessories

- Gold/Silver D.O. Probe
- D.O. Membrane
- Rotational D.O. Probe Stand
- Temperature Probe
- Dust Cover
- User Instruction Manua