BioLAB

PRODUCT CATALOG

DO METER BMET-404

CE ISO9001 CERTIFIED

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DO METER BMET-404

BENCHTOP DO METER

The DO meter is used to measure the dissolved oxygen in water in order to reflect its quality. Its principle needs cathode and anode electrodes and works on the concept of polarization. The flow of electrons from the anode to the cathode represents the measuring signal which is proportional to the partial pressure of oxygen in the measured culture of media.

SPECIFICATIONS

Model	BMET-404
Dissolved Oxygen Concentration	
- Sensor Type	Polarographic
- Range	0.00 to 20.00 mg/L
- Resolution	1.01 mg/L
- Accuracy	± 0.3 mg/L
- Calibration Points	Air-saturated water or zero point
- Barometric Compensation	Yes
- Manual Salinity Factor Correction	Yes
Saturation	
Temperature	
- Unit	°C, °F
- Relative Accuracy	± 0.2
Measurement	
- Reading Mode	AutoRead, Continuous
- Reading Prompts	Reading, Stable, Locked
- Temp. Compensation	ATC, MTC
Data Management	
- Data Storage	200 results each
Inputs	
- pH Electrode	BNC(Q9)
- Temp. Probe	4-pin aviation connector
- Temp./DO Probe	4-pin aviation connector
Display Options	
- Backlight	Yes
- Auto Shutdown	300, 600, 1200, 1800, 3600 sec, off
- IP Rating	IP65
General	

- Power	Rechargeable Lithium batter; AC Adapter, 100-240 V AC input, DC5V output
- Dimensions	80 x 255 x 35 mm
- Weight	400 g (0.88 lb)
Alt Name	Benchtop DO Meter

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