BioLAB

PRODUCT CATALOG

DO METER BMET-402

CE ISO9001 CERTIFIED

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DO METER BMET-402

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-402
Dissolved Oxygen Concentration	
- Sensor Type	Polarographic
- Range	1.00 to 99.99 mg/L
- Resolution	1.01 mg/L
- Accuracy	± 0.3 mg/L (0.00 to 20.00 mg/L) ± 10% (20.00 to 99.99 mg/L)
- Calibration Points	Air-saturated water or zero point
- Barometric Compensation	Yes
- Manual Salinity Factor Correction	Yes
% Saturation	
Temperature	
- Unit	°C, °F
Measurement	
- Reading Mode	AutoRead (Fast, Medium, Slow), Timed, Continuous
- Reading Prompts	Reading, Stable, Locked
- Temp. Compensation	ATC, MTC
Data Management	
- Data Storage	1000 Groups
- GLP Features	Yes
- Log Management	Yes
Inputs	
- Temp./DO Probe	4-pin aviation connector
Outputs	
- USB	USB 2.0 flash memory device, PC
- RS 232	printer, scanner, autosampler
Display Options	
- Backlight	Yes
- Auto Shutdown	1~60 min, off
- IP Rating	IP54

- Date and Time	Yes
General	
- Power	AC Adapter, 100-240 V AC input, DC24V output
- Dimensions	220 x 195 x 68 mm
- Weight	950 g (2.09 lb)
Alt Name	Benchtop DO Meter

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