BioLAB

PRODUCT CATALOG

DO METER BMET-401

CE ISO9001 CERTIFIED

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DO METER BMET-401

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.

BMET-401 DO METER

SPECIFICATIONS

Model	BMET-401
Dissolved Oxygen Concentration	
Sensor Type	Polarographic
Range	0.00 to 99.99mg/L
Resolution	0.01 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	
Range	(0.0 to 600.0) %
Resolution	0.10 %
Accuracy	± 10.0 %
Temperature	
Range	- 5 to 110 °C, 23 to 230 °F
Unit	°C, °F
Resolution	0.1
Accuracy	± 0.2
Measurement	
Reading Mode	AutoRead(Fast, Medium, Slow), Timed, Continuous
Reading Prompts	Reading, Stable, Locked
Temp. Compensation	ATC, MTC
Data Management	
Data Storage	500 results each
GLP Features	Yes

Inputs	
Temp./DO Probe	4-pin aviation connector
Outputs	
USB	PC
RS 232	printer
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, DC9V output
Dimensions	242 x 195 x 68 mm
Weight	900 g(1.98 lb)

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