BioLAB

PRODUCT CATALOG

DO METER BMET-403

CE ISO9001 CERTIFIED

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DO METER BMET-403

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-403 DO METER

SPECIFICATIONS

Model	BMET-403
Dissolved Oxygen Concentration	
Sensor Type	Polarographic
Range	0.00 to 99.99 mg/L
Resolution	2.01 mg/L
Accuracy	± 0.1 mg/L
Calibration Reminder	Yes
Calibration Points	Air-saturated water or zero point
Barometric Compensation	Yes
Manual Salinity Factor Correction	Yes
% Saturation	
Range	(0.0 to 600)%
Saturation	
Resolution	0.10 %
Accuracy	± 10.0 %
Temperature	
Range	-5 to 130 °C
Unit	°C,
Resolution	0.1
Accuracy	± 0.1
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	6-pin MiniDIN
Outputs	
USB,RS 232	USB 2.0 flash memory device, printer, PC
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	280x280x130 mm
Weight	2500 g (5.51 lb)

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