BioLAB

PRODUCT CATALOG

DO METER BMET-402

CE ISO9001 CERTIFIED

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DO METER BMET-402

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-402 DO METER

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	
Range	(0.0 to 600)%
Accuracy	± 10.0 %
Temperature	
Range	- 10 to 135 °C, 14 to 275 °F
Unit	°C, °F
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	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)

Biolab Scientific Ltd.
3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com