BioLAB

PRODUCT CATALOG

DO METER BMET-401

CE ISO9001 CERTIFIED

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DO METER BMET-401

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-401
Dissolved Oxygen Concentration	
- Sensor Type	Polarographic
- Range	0.00 to 99.99 mg/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	
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	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)
Alt Name	Benchtop DO Meter

Biolab Scientific Ltd.
Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
Email: info@biolabscientific.com | Website: www.biolabscientific.com