



PH/ION METER BMET-501

PH/ION METER BMET-501

PORTABLE DO METER

An ion meter is a device which with the aid of electrochemical activity of ion electrodes measures the concentration of ions in a solution. It works by the means of selective ion electrodes and measuring ion activity capability of sensitive membranes of measuring devices. A sensor electrode and a reference electrode are used to measure the ion concentration in a solution.



SPECIFICATIONS

Model	BMET-501
Dissolved Oxygen Concentration	
- Sensor Type	Polarographic
- Range	0.00 to 99.99 mg/L
- Resolution	2.01 mg/L
- Accuracy	± 0.3 mg/L (0.00 to 20.00 mg/L); $\pm 10\%$ (20.00 to 99.99 mg/L)
- Calibration Reminder	Yes
- Calibration Points	Air-saturated water or zero point
- Barometric Compensation	Yes
- Manual Salinity Factor Correction	Yes
Saturation	
Temperature	
- Unit	$^{\circ}\text{C}$, $^{\circ}\text{F}$
- Relative Accuracy	± 0.2
Measurement	
- Reading Mode	AutoRead (Fast, Medium, Slow), Timed, Continuous
- Reading Prompts	Reading, Stable, Locked
Data Management	
- Data Storage	1000 Groups
- GLP Features	Yes
Inputs	
- Temp./DO Probe	4-pin aviation connector
Outputs	
- USB	USB 2.0 flash memory device, PC, scanner
- Bluetooth	printer
Display Options	
- Backlight	Yes
- Auto Shutdown	300, 600, 1200, 1800, 3600 sec, off

- IP Rating	IP65
- Date and Time	Yes
General	
- Power	Rechargeable Lithium batter; AC Adapter, 100-240 V AC input, DC5V output
- Dimensions	90 x 255 x 40 mm
- Weight	500 g (1.1 lb)
Alt Name	Portable 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