BioLAB

PRODUCT CATALOG

CONDUCTIVITY METER BMET-307

CE ISO9001 CERTIFIED

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CONDUCTIVITY METER BMET-307

BENCHTOP CONDUCTIVITY METER

A Conductivity meter is an instrument that measures the amount of electric conductivity or current in a solution. The conductance can be measured by applying an alternating electrical current to the two electrodes present in the solution, after which the cations move to the negative electrode and the anions move to the positive electrode. This movement ultimately leads the solution to be conductive.

SPECIFICATIONS

Model	BMET-307
Conductivity	
- Range	0.000 µS/cm to 3000 mS/cm
- Resolution	1.001 µS/cm minimum; changed with range
- Accuracy	± 0.5 % FS
- Reference Temperature	5, 10, 15, 18, 20, 25 °C
- Calibration Points	Up to 5
- Calibration Reminder	Yes
- Standard Recognition	10 µS/cm, 84 µS/cm, 500 µS/cm, 1413 µS/cm; 12.88 mS/cm
Resistivity	
TDS	
Salinity	
Temperature	
- Unit	°C, °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./EC Probe	5-pin aviation connector
Outputs	
- USB	USB 2.0 flash memory device, PC, scanner
- Bluetooth	printer
Display Options	

- Backlight	Yes
- Auto Shut-down	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	90x255x40 mm
- Weight	500 g (1.1 lb)
Alt Name	Benchtop Conductivity 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