BioLAB

PRODUCT CATALOG

CONDUCTIVITY METER BMET-304

CE ISO9001 CERTIFIED

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CONDUCTIVITY METER BMET-304

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-304
Conductivity	
- Range	0.000 µS/cm to 3000 mS/cm
- Resolution	0.001 µS/cm minimum; changed with range
- Accuracy	± 0.5 % FS
- Reference Temperature	5, 10, 15, 18, 20, 25 °C
- Calibration Points	Up to 5
- Standard Recognition	146.5 µS/cm, 1408 µS/cm, 12.85 mS/cm, 111.3 mS/cm
Resistivity	
TDS	
Salinity	
- Type	NaCl %
Temperature	
- Unit	°C
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
- Temp./EC Probe	8-pin MiniDIN
Outputs	
- USB, RS 232	USB 2.0 flash memory device, printer, PC
Display Options	
- Backlight	Yes
- Auto Shut-down	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)
Alt Name	Benchtop Conductivity Meter

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