BioLAB

PRODUCT CATALOG

CONDUCTIVITY METER BMET-306

CE ISO9001 CERTIFIED

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CONDUCTIVITY METER BMET-306

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.

BMET-306 CONDUCTIVITY METER

SPECIFICATIONS

Model	BMET-306
Conductivity	
Range	0.000 µS/cm to 500 mS/cm
Resolution	0.001 µS/cm minimum; changed with range
Accuracy	± 1.0 % FS
Reference Temperature	20, 25 °C
Calibration Points	Up to 3
Standard Recognition	84 µS/cm, 1413 µS/cm; 12.88 mS/cm
Resistivity	
Range	5.00Ωcm ~20.00MΩcm
Resolution	0.01 Ωcm minimum
Accuracy	± 1.0 % FS
TDS	
Range	0.00 mg/L ~300 g/L
Resolution	0.01 mg/L minimum; changed with range
Accuracy	±1.0%
Salinity	
Range	(0.00 ~8.00) %
Resolution	0.01 %
Accuracy	± 0.2 %
Temperature	
Range	-5 to 110 °C, 23 to 230 °F
Unit	°C, °F
Resolution	0.1
Relative Accuracy	±0.2

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. /EC Probe	5-pin aviation connector
Outputs	
USB	PC,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	80x255x35 mm
Weight	400 g(0.88 lb)

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