



CONDUCTIVITY METER BJB1Y1 (BMET-306)

CONDUCTIVITY METER BJG1Y1

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	BJG1Y1
Old Model	BMET-306
Conductivity	
- Range	0.000 $\mu\text{S/cm}$ to 500 mS/cm
- Resolution	0.001 $\mu\text{S/cm}$ minimum; changed with range
- Accuracy	$\pm 1.0\%$ FS
- Reference Temperature	20, 25 $^{\circ}\text{C}$
- Calibration Points	Up to 3
- Standard Recognition	84 $\mu\text{S/cm}$, 1413 $\mu\text{S/cm}$; 12.88 mS/cm
Resistivity	
TDS	
Salinity	
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
- 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)
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