



CONDUCTIVITY METER BJJ1Z1 (BMET-307)

CONDUCTIVITY METER BJG1Z1

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	BJG1Z1
Old Model	BMET-307
Conductivity	
- Range	0.000 μ S/cm to 3000 mS/cm
- Resolution	1.001 μ S/cm minimum; changed with range
- Accuracy	\pm 0.5 % FS
- Reference Temperature	5, 10, 15, 18, 20, 25 $^{\circ}$ C
- Calibration Points	Up to 5
- Calibration Reminder	Yes
- Standard Recognition	10 μ S/cm, 84 μ S/cm, 500 μ S/cm, 1413 μ S/cm; 12.88 mS/cm
Resistivity	
TDS	
Salinity	
Temperature	
- Unit	$^{\circ}$ C, $^{\circ}$ F
- Relative Accuracy	\pm 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



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