



## CONDUCTIVITY METER BJC1W1 (BMET-304)

# CONDUCTIVITY METER BJG1W1

## 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                   | BJG1W1  |
| Old Model               | BMET-304  |
| Conductivity            |   |
| - Range                 | 0.000 $\mu\text{S/cm}$ to 3000 mS/cm                                      |
| - Resolution            | 0.001 $\mu\text{S/cm}$ minimum; changed with range                        |
| - Accuracy              | $\pm 0.5\%$ FS  |
| - Reference Temperature | 5, 10, 15, 18, 20, 25 $^{\circ}\text{C}$                                  |
| - Calibration Points    | Up to 5   |
| - Standard Recognition  | 146.5 $\mu\text{S/cm}$ , 1408 $\mu\text{S/cm}$ , 12.85 mS/cm, 111.3 mS/cm |
| Resistivity             |   |
| TDS                     |   |
| Salinity                |   |
| - Type                  | NaCl %  |
| Temperature             |   |
| - Unit                  | $^{\circ}\text{C}$  |
| 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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