



CONDUCTIVITY METER BMET-301

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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-301 CONDUCTIVITY METER



SPECIFICATIONS

| Model | BMET-301 |
|-----------------------|---|
| Conductivity | |
| Range | 0.00 $\mu\text{S}/\text{cm}$ to 100 mS/cm |
| Resolution | 0.01 $\mu\text{S}/\text{cm}$ minimum; changed with range |
| Accuracy | $\pm 1.5\%$ FS |
| Reference Temperature | 25 $^{\circ}\text{C}$ |
| Measurement | |
| Reading Mode | Continuous |
| Reading Prompts | Reading, Stable |
| Temp. Compensation | MTC |
| Inputs | |
| pH Electrode | BNC(Q9) |
| Conductivity Probe | 5-pin aviation connector |
| Display Options | |
| Backlight | Yes |
| Auto Shutdown | 300, 600, 1200, 1800, 3600 sec., off |
| IP Rating | IP54 |
| General | |
| Power | AC Adapter, 100-240 V AC input, DC9 V output |
| Dimensions | 200x160x63 mm |
| Weight | 600 g (1.32 lb) |



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