

Bante530/531/540 Portable Conductivity/TDS/Salinity/Resistivity Meter



Features:

- Multi-parameter conductivity meter is equipped with a large backlit LCD display.
- 1 to 5 points calibration with automatic calibration solution recognition.
- Selectable cell constants (0.1, 1, 10), normalization temperatures (20 or 25°C), TDS conversion factors, seawater and practical salinity measurement modes.
- Automatic Temperature Compensation ensures accurate measured value.
- Calibration Due Reminder prompts user to calibrate the meter regularly.
- Stability indicator automatically shows current measurement status.
- Auto-Hold function freezes stable reading for easy viewing and recording.
- Automatic electrode diagnosis shows cell constant of the electrode.
- Help message as an operational guide that helps you quickly using the meter.
- System menu allows setting the 10 parameters, including the calibration points, stability conditions, linear and pure water compensation modes, etc.
- Reset feature automatically resumes all settings back to factory default options.
- Expanded memory stores and recalls up to 500 readings.
- Built-in real-time clock stamps stored data to meet GLP standard.
- Stored data can be transferred into computer by USB communication interface.
- Multi-mode power scheme (battery, power adapter, computer's USB port) ensures that use the meter smoothly.



Meter Includes:

Conductivity electrode, temperature probe, conductivity calibration solutions (84 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$, 12.88 mS/cm), batteries and carrying case.

Measurement modes of each meter:

- Bante530: Conductivity and TDS.
- Bante531: Conductivity and Salinity.
- Bante540: Conductivity, TDS, Salinity and Resistivity.

Specifications:

Model		Bante530	Bante531	Bante540
Conductivity Range	0~20.00, 200.0, 2000 $\mu\text{S}/\text{cm}$, 20.00, 200.0 mS/cm	•	•	•
Conductivity Accuracy	$\pm 0.5\%$ F.S	•	•	•
TDS Range	0~10ppt (Max. 20ppt, depending on factor setting)	•	×	•
TDS Accuracy	$\pm 1\%$ F.S	•	×	•
Salinity Range	0~10ppt (Max. 80ppt)	×	•	•
Salinity Accuracy	$\pm 1\%$ F.S	×	•	•
Resistivity Range	0~100 $\text{M}\Omega$	×	×	•
Resistivity Accuracy	$\pm 1\%$ F.S	×	×	•
Calibration Points	1~5 points (10, 84, 1413 $\mu\text{S}/\text{cm}$, 12.88, 111.8 mS/cm)	•	•	•
Temperature Compensation	0~100°C, 32~212°F, Manual or Automatic	•	•	•
Temperature Coefficient	0.0~10.0%/°C	•	•	•
Normalization Temperature	20 or 25°C	•	•	•
Memory	Stores up to 500 data sets, USB Communication Interface	•	•	•
Power Requirements	3 \times 1.5V "AA" Batteries	•	•	•
Dimensions	170(L) \times 85(W) \times 30(H)mm	•	•	•
Weight	300g	•	•	•