

Bante 510/950 Benchtop Conductivity Meter



Measurement Parameters

- Bante 510: Conductivity, TDS, temperature
- Bante 950: Conductivity, TDS, salinity, resistivity, temperature

Bante 510 Features

- 1 to 3 points calibration with automatic recognition for conductivity standards
- Selectable cell constant, temperature coefficient and TDS conversion factor
- Automatic temperature compensation corrects conductivity measurements to the reference temperature
- Auto-read function senses and locks the measurement endpoint
- Setup menu allows setting the number of calibration points, temperature unit, etc.
- Reset function automatically resumes all settings back to the factory defaults



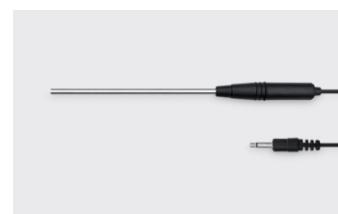
Bante 950 Features

- 1 to 5 points calibration with automatic recognition for conductivity standards
- Automatic electrode diagnosis shows the calibration points and factors
- Selectable cell constant, reference temperature, TDS conversion factor, linear and pure water compensations, seawater and practical salinity measurement modes
- Automatic temperature compensation corrects conductivity measurements to the reference temperature
- Auto-read function senses and locks the measurement endpoint
- Calibration due alarm reminds the user to calibrate the meter regularly
- Setup menu allows setting the number of calibration points, stability criteria, date and time, temperature unit, etc.
- Reset function automatically resumes all settings back to the factory defaults
- Expanded memory stores or recalls up to 500 data sets
- USB communication interface for data transfer and timed interval readings



Optional Conductivity Electrodes

- CON-0.1: Suitable for measuring the low conductivity liquids (<10 μ S/cm)
- CON-1 : Suitable for measuring the general water samples
- CON-10 : Suitable for measuring the high conductivity liquids (>20mS/cm)



Specifications

Model	Bante 510	Bante 950
Conductivity	Range	0.01~20.00, 200.0, 2000 $\mu\text{S}/\text{cm}$, 20.00, 200.0 mS/cm
	Resolution	0.001, 0.01, 0.1, 1
	Accuracy	$\pm 1\%$ F.S.
	Calibration	1 to 3 points
TDS	Calibration Solutions	10 $\mu\text{S}/\text{cm}$, 84 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$, 12.88 mS/cm , 111.8 mS/cm
	Range	0~10.00, 100.0, 1000 ppm, 10.00, 200.0 ppt
	Resolution	0.01, 0.1, 1
	Accuracy	$\pm 1\%$ F.S.
Salinity	TDS Factor	0.1~1.0 (default 0.5)
	Range	—
	Resolution	—
	Accuracy	—
Resistivity	Range	—
	Resolution	—
	Accuracy	—
	Range	0.00~20.00 $\text{M}\Omega$
Temperature	Resolution	—
	Accuracy	—
	Offset Calibration	1 point, reading $\pm 10^\circ\text{C}$
	Temperature Compensation	0~100°C, manual or automatic
Other Specifications	Temperature Coefficient	Linear (0.0~10.0%/ $^\circ\text{C}$)
	Reference Temperature	25°C
	Cell Constant	K=0.1, 1, 10 or custom
	Stability Criteria	—
	Calibration Due Alarm	—
	Calibration Factor Display	—
	Hold Function	Manual or auto-endpoint
	Memory	—
	Communication Interface	—
	Connector	6-pin nimi-DIN, 3.5 mm jack socket
	Display	Custom LCD (120×60 mm)
	Power Requirements	9V DC power adapter
	Dimensions	210(L)×205(W)×75(H) mm
	Weight	1.5 kg

Ordering Information

- Bante 510/950-**S**: Meter, CON-1 conductivity electrode, temperature probe, standard solutions, electrode holder, USB cable (for Bante 950 only), power adapter
- Bante 510/950-**DL**: Meter, CON-0.1/CON-1 conductivity electrodes, temperature probe, standard solutions, electrode holder, USB cable (for Bante 950 only), power adapter
- Bante 510/950-**DH**: Meter, CON-1/CON-10 conductivity electrodes, temperature probe, standard solutions, electrode holder, USB cable (for Bante 950 only), power adapter