

Bante510 Benchtop Conductivity/TDS Meter



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) and power adapter.

Features:

- High performance conductivity meter is suitable for measuring the conductivity and TDS of liquids.
- 1 to 3 points calibration with automatic calibration solution recognition.
- Selectable cell constants, temperature coefficient and TDS conversion factors.
- Automatic Temperature Compensation ensures accurate measured values.
- Auto-Hold function freezes stable reading for easy viewing and recording.
- Manual temperature calibration improves the measurement accuracy of meter.
- Selectable temperature unit ($^{\circ}\text{C}$ or $^{\circ}\text{F}$) meets different application requirements.
- Help message as a operational guide that helps you quickly begin using the meter.
- System menu allows setting the 7 parameters, including the calibration points, auto-hold function, auto-power off, etc.
- Reset feature automatically resumes all settings back to factory default options.

Specifications:

Bante510	
Conductivity Range	0~20.00, 200.0, 2000 $\mu\text{S}/\text{cm}$, 20.00, 200.0 mS/cm
Conductivity Accuracy	$\pm 1\%$ F.S
TDS Range	0~10ppt (Max. 20ppt, depending on factor setting)
TDS Accuracy	$\pm 1\%$ F.S
TDS Factor	0.1~1.0 (Default 0.5)
Temperature Range	0~105 $^{\circ}\text{C}$, 32~221 $^{\circ}\text{F}$
Temperature Accuracy	$\pm 1^{\circ}\text{C}$
Calibration Points	1~3 points
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
Temperature Compensation	0~100 $^{\circ}\text{C}$, 32~212 $^{\circ}\text{F}$, Manual or Automatic
Temperature Coefficient	0.0~10.0%/ $^{\circ}\text{C}$
Cell Constant	K=0.1, 1, 10
Normalization Temperature	25 $^{\circ}\text{C}$
Power Requirements	DC9V, using AC adapters, 220VAC/50Hz
Dimensions	210(L) \times 205(W) \times 75(H)mm
Weight	1.5kg