950 Laboratory Conductivity/TDS/Salinity Meter

MEASUREMENT PARAMETERS

Conductivity, Total Dissolved Solids, Salinity, Resistivity, Temperature

FEATURES

- 1 to 5 points push-button calibration, automatically recognizes the calibration solutions.
- Selectable cell constant (0.1/1/10), normalization temperature (20°C/25°C), TDS factor, linear and pure water compensations, seawater and practical salinity measurement modes.
- Automatic Temperature Compensation provides accurate reading over the entire range.
- Calibration Due Reminder prompts user to calibrate the meter regularly.
- Stability indicator shows when a measurement is recognized as stable.
- Auto-Hold feature senses and locks the measurement endpoint.
- Setup menu allows setting the 11 parameters, including the number of calibration points, stability criteria, temperature unit, auto-power off, etc.
- Reset feature automatically resumes all settings back to factory default options.
- Expanded memory stores and recalls up to 500 data sets.
- Stored readings can be transferred into the computer by USB communication interface.

METER INCLUDES

Conductivity electrode (range:10μS/cm~10mS/cm), temperature probe, standard solutions (84μS/cm, 1413μS/cm, 12.88mS/cm), electrode holder, power adapter.

OPTIONAL ELECTRODES

- CON-0.1 conductivity electrode: Suitable for measuring the pure water (<10μS/cm).
- CON-10 conductivity electrode: Suitable for measuring the seawater (>20mS/cm).

SPECIFICATION

	Model	950
Conductivity	Measuring Range	0.01~20.00, 200.0, 2000μS/cm, 20.00, 200mS/cm
	Accuracy	±0.5% F.S
	Calibration Points	1~5 points (10μS/cm, 84μS/cm, 1413μS/cm, 12.88mS/cm, 111.8mS/cm or Custom)
TDS	Measuring Range	0~10.00, 100.0, 1000ppm, 10.00, 100ppt (Max. 200ppt)
	Accuracy	±1% F.S
	TDS Factor	0.01~1.00 (Default 0.5)
Salinity	Measuring Range	0.00~80.00ppt, 0.00~42.00psu
	Accuracy	±1% F.S
Res.	Measuring Range	0.00~20MΩ
	Accuracy	±1% F.S
General	Temperature Compensation	0~100°C, 32~212°F, Manual or Automatic
	Cell Constant	K=0.1, 1, 10 or Custom
	Temperature Coefficient	0.0~10.0%/°C
	Memory	Stores up to 500 data sets, USB communication interface
	Power Requirements	DC5V, using AC adapter, 220VAC/50Hz
	Dimensions and Weight	210(L)×188(W)×60(H)mm, 1.5kg