

Benchtop Conductivity/TDS/Salinity/Resistivity Meter



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 factor, linear and pure water compensations, seawater and practical salinity measurement modes.
- * Automatic temperature compensation ensures accurate readings over the entire range.
- * Auto-Read function senses and locks the measurement endpoint.
- * Calibration due alarm prompts user to calibrate the meter regularly.
- * Set up menu allows setting the number of calibration points, stability criteria, temperature unit, date and time, 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.

Accessories:

Meter, CON-1 conductivity electrode, temperature probe, standard solutions, electrode holder, USB cable and power adapter.

Technical Parameters:

Model			PH-950
Conductivity	Range	Standard	CON-1: 2μs/cm~20000μs/cm
		Optional	CON-0.01: 0.01μs/cm~20μs/cm; CON-0.1: 0.1μs/cm~200μs/cm; CON-10: 100μs/cm~200ms/cm
	Accuracy		±0.5% F.S.
	Resolution		0.001, 0.01, 0.1, 1
	Calibration Points		1 to 5 points
TDS	Calibration Solutions		10μS/cm, 84μS/cm, 1413μS/cm, 12.88mS/cm, 111.8mS/cm
	Range		0~10.00, 100.0, 1000ppm, 10.00, 200.0ppt
	Accuracy		±1% F.S.
Salinity	Resolution		0.01, 0.1, 1
	TDS Factor		0.1~1.0 (default 0.5)
	Range		0.00~42.00psu, 0.00~80.00ppt
Resistivity	Accuracy		±1% F.S.
	Resolution		0.01, 0.1
	Range		0.00~20.00MΩ
Temperature	Accuracy		±1% F.S.
	Resolution		0.01
	Range		0~105°C/32~221°F
Other Specifications	Accuracy		±0.5°C/±0.9°F
	Resolution		0.1°C/0.1°F
	Offset Calibration		1 point, reading ±10°C
	Temperature Compensation		0~100°C, manual or automatic
	Temperature Coefficient		Linear (0.0~10.0%/°C), non-linear, pure water
	Reference Temperature		20/25°C
	Cell Constant		K=0.1, 1, 10
	Stability Criteria		Low or high
	Calibration Due Alarm		1 to 31 days or off
	Calibration Factor Display		Yes
	Hold Function		Manual or auto-endpoint
	Memory		500 data sets
	Communication Interface		USB
	Connector		6-pin mini-DIN, 3.5mm jack socket
	Display		Custom LCD (125*100mm)
	Power Requirements		DC5V power adapter
	Dimensions(mm)		210*188*60mm
	Weight(kg)		1.5kg
	Package Size(W*D*H)mm		310*240*180mm
	Gross weight(kg)		1.7kg