

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~0.1µs/cm; CON-0.1: 0.1µs/cm~2µs/cm; CON-10: 20000µs/cm~200ms/cm
	Accuracy	±0.5% F.S.	
	Resolution	0.001, 0.01, 0.1, 1	
	Calibration Points	1 to 5 points	
	Calibration Solutions	10µS/cm, 84µS/cm, 1413µS/cm, 12.88mS/cm, 111.8mS/cm	
TDS	Range	0~10.00, 100.0, 1000ppm, 10.00, 200.0ppt	
	Accuracy	±1% F.S.	
	Resolution	0.01, 0.1, 1	
Salinity	TDS Factor	0.1~1.0 (default 0.5)	
	Range	0.00~42.00psu, 0.00~80.00ppt	
	Accuracy	±1% F.S.	
Resistivity	Resolution	0.01	
	Range	0.00~20.00MΩ	
	Accuracy	±1% F.S.	
Temperature	Resolution	0.01	
	Range	0~105°C/32~221°F	
	Accuracy	±0.5°C/±0.9°F	
Other Specifications	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 nemi-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		