

DDS-12DW Benchtop Conductivity Meter



Features

- 1 to 3 points calibration with automatic recognition for conductivity standards.
- Selectable cell constant and temperature coefficient.
- Automatic temperature compensation ensures accurate readings over the entire range.
- 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.

Optional Conductivity Electrodes

- CON-0.1: Use for measuring the low conductivity liquids (<math><10\mu\text{S}/\text{cm}</math>), e.g., pure water
- CON-10 : Use for measuring the high conductivity liquids (>math>>20\text{mS}/\text{cm}</math>), e.g., seawater

Meter Includes

Conductivity electrode, temperature probe, electrode holder, power adapter



Specifications

Model		DDS-12DW
Conductivity	Range	0.01~20.00, 200.0, 2000 $\mu\text{S}/\text{cm}$, 20.00, 200.0mS/cm
	Accuracy	$\pm 1\%$ F.S
	Resolution	0.001, 0.01, 0.1, 1, automatic
	Calibration Points	1 to 3 points
	Calibration Solutions	10 $\mu\text{S}/\text{cm}$, 84 $\mu\text{S}/\text{cm}$, 1413 $\mu\text{S}/\text{cm}$, 12.88mS/cm, 111.8mS/cm
Temperature	Range	0~105 $^{\circ}\text{C}$
	Accuracy	$\pm 0.5^{\circ}\text{C}$
	Resolution	0.1 $^{\circ}\text{C}$
	Offset Calibration	1 point, measured value $\pm 10^{\circ}\text{C}$
General	Temperature Compensation	0~100 $^{\circ}\text{C}$, 32~212 $^{\circ}\text{F}$, manual or automatic
	Temperature Coefficient	0.0~10.0%/ $^{\circ}\text{C}$, linear
	Cell Constant	K=0.1, 1, 10
	Reference Temperature	25 $^{\circ}\text{C}$
	Connector	6-pin DIN
	Display	5.5" custom LCD
	Power Requirements	DC9V, using AC adapter, 220V/50Hz
	Dimensions	210(L) \times 205(W) \times 75(H)mm
Weight	1.5kg	