

Benchtop Conductivity / °C Meter

ADS Series



Application

Water quality analysis
 Research and educations
 Environmental monitoring and chemical industry
 Other laboratory application



High performance benchtop conductivity meter, 1 to 3 points calibration, automatic temperature compensation. The meter is suitable for daily testing and controls. Accuracy: 1% F.S.

Automatic Temperature Compensation

Using the supplied temperature probe, the temperature value is displayed on the screen. The meter automatically compensates for optimum accuracy under variable temperature conditions.

Automatic Temperature Coefficient And Cell Constant

Using the supplied temperature probe, the temperature value is displayed on the screen. The meter automatically compensates for optimum accuracy under variable temperature conditions.

Meter Includes

Conductivity Electrode (K=1),
 Temperature Probe (for ADS-12DW),
 Electrode Holder, 9V Power Adapter.

Auto Calibration

The meters is capable of calibrating up to 3 points using standard solution. From Setup Menu, Choose CAL (Calibration) and press key to set known conductivity value, immerse conductivity electrode into calibration solution, press Enter key and meter is automatically calibrated.

Auto Standard Recognition

During Calibration, if the calibration solution or selected value does not match the meter's indicated value, an ERROR message is displayed.

Adjustable Temperature Coefficient

And Various Ions may have different temperature coefficients. The meters can set the temperature coefficient between 0 and 3.9% in degrees centigrade for optimum accuracy, set three cell constants(0.1, 1 and 10) for measuring requirements.

Model	ADS-11AW	ADS-12DW
Conductivity Range	0~20.00, 200.0, 2000 μ S/cm, 20.00,200.0mS/cm	
Conductivity Accuracy	\pm 1% F.S	
Resolution	0.01, 0.1, 1	
Calibration Points	1 to 3 points	
Calibration Solutions	10 μ S/cm, 84 μ S/cm,1413 μ S/cm,12.88mS/cm,111.8m S/cm	
Temperature		
Range	----	0~105°C, 32~221°F
Accuracy	----	\pm 1°C
Resolutions	1°C	
Calibration Range	Measured value \pm 10°C	
Temperature Units	°C or °F	
Temperature Compensation	0~100°C, 32~212°F, Manual or Automatic	
Temperature Coefficient	0.0~10.0%/°C	
Cell Constant	K=0.1, 1, 10 or User-defined	
Connector	6-pin Mini Plug	
Display	LCD (135×75mm)	
Power Requirements	Power Requirements DC9V, using AC adapter, 220VAC/50Hz	
Dimensions (LxWxH)	210 × 205 × 75mm	
Weight Approx.	1.5 kg	

WORLDWIDEMARKETING

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