

EC PORTABLE METER AK115 - EC Max

Conductivity measurement is essential for evaluating a solution's ability to conduct electricity, reflecting the presence of dissolved ions. This measurement is indispensable in several areas, such as in water treatment to ensure potability, in the chemical and pharmaceutical industries to ensure the purity of solutions, in agriculture to adjust fertilizers and prevent salinization, in aquaculture to maintain ideal conditions for aquatic organisms, and in the control of industrial processes to ensure efficiency and operational safety.

Akso's AK115 Portable Conductivity Meter offers an effective way to monitor conductivity in every context, providing crucial data for water quality, industrial processes and beyond. With its advanced features and flexibility, the AK115 is an essential tool for ensuring accurate and reliable measurements.

AK115 Main Features:

Automatic Temperature Compensation (0 to 60°C): Automatically adjusts readings to compensate for temperature variations, ensuring accuracy.

Custom Conductivity Adjustment: Allows you to customize the measurement range according to specific needs.

Conductivity Cell K=1: Provides accurate measurements with a high-quality cell.

Adjustable TDS Factor (0.30 to 1.00): Adapts the total dissolved solids (TDS) factor to your samples.

Automatic shutdown: Saves battery life by turning off your device when not in use.

Adjustable Display Lighting: Adjusts display brightness for optimal viewing in any lighting condition.

Memory for 100 records: Consult your measurements and make your daily work easier



2 years warranty
(INSTRUMENT)

6 months warranty
(PROBE)



AKSO

SPECIFICATIONS

Range:	Resolution:	Accuracy:
EC:	EC:	EC:
0.0 to 199.9 $\mu\text{S/cm}$	0.1 $\mu\text{S/cm}$	$\pm 2\%FS$
200 to 1999 $\mu\text{S/cm}$	1 $\mu\text{S/cm}$	
2.00 to 19.99 mS/cm	0.01 mS/cm	
20.0 to 150.0 mS/cm	0.1 mS/cm	
Salinity:	Salinity:	Salinity:
0.00 to 9.99 ppt	0.01 ppt	$\pm 2\%FS$
10.0 to 42.0 ppt	0.1 ppt	
TDS:	TDS:	TDS:
0 to 199.9 ppm	0.1 ppm	$\pm 2\%FS$
200 to 1999 ppm	1 ppm	
2.00 to 19.99 ppt	0.01 ppt	
20.0 to 97.5 ppt *	0.1 ppt	
Temperature: 0 a 60 °C	Temperature: 0.1°C	Temperature: $\pm 0.5^\circ\text{C}$

*for a TDS factor of 0.65

Calibration:	1 point automatic - 5 standard buffers
ATC	0 a 80 °C
Memória:	100 registros
Iluminação do visor (Backlight):	On/Off
Auto Power Off	15 minutes
Congelamento da leitura (HOLD):	Manual
Operating temperature:	0 to 60 °C
Operating humidity:	10 to 90 %RH
Protection:	IP65
Power supply::	1 x 9v battery
Dimensions (W x H x D):	83 x 175 x 34 mm
Weight:	257g

Items included with the instrument:

- AK1020 BNC/RCA Conductivity Probe 1 meter cable
- Sample 20ml solution 1413 $\mu\text{S/cm}$ and 12.88mS

Optional items:

- AK1060 Rubber cover