

EC METER

AK51 EC/Temperature Tester

Conductivity measurement is crucial in several settings, such as in water treatment to ensure water quality, in the chemical and pharmaceutical industry to ensure the purity of solutions, in agriculture to adjust fertilizers and prevent soil salinization, in aquaculture to maintain ideal conditions for aquatic organisms and in the control of industrial processes to ensure efficiency and operational safety.

The AK51 Water Resistant Conductivity Meter is compact and easy to transport, being the ideal solution for use in the field and in the laboratory. The AK51 comes with a carrying case, containing the 1413 $\mu\text{S}/\text{cm}$ and 1288 $\mu\text{S}/\text{cm}$ conductivity calibration solutions to facilitate its adjustment and maintenance in different locations and conditions. It also has a replaceable electrode and automatic temperature compensation.

The AK51 is an excellent companion for producers of hydroponics due to its wide range of measurement, including measurements in spray solutions and in various hydroponic crops, such as:

-sweet potato, potato, eggplant, broccoli, onion, cabbage, Brussels sprouts, endive, beans, yam, cucumber (common), okra, cabbage and tomato.



1

*year warranty against
manufacturing defects*

(INSTRUMENT)

6

*months warranty against
manufacturing defects
(Already includes the
legal warranty)*

(PROBE)



SPECIFICATIONS

Measuring range:	0.01 a 19.99 mS/cm 0 to 50°C
Resolution:	0.01mS/cm 0.1°C
Accuracy:	± 2% FS ± 1°C
Calibration:	1.41mS/cm (1413µS/cm) or 12.88mS/cm
(ATC):	0 to 50 °C
Casing:	IP54
Auto Power Off:	10 minutes
Operating temp:	0 a 50°C
Operating humidity:	10 to 90%RH (non-condensing)
Power supply:	6VDC (4 batteries LR44)
Dimensions:	38 x 188 x 38mm
Weight:	85g

Items included:

- carrying case
- instruction manual
- 20ml solution - 1413 µS/cm and 1288 µS/cm