

pH METER

AK90 - pH/Temperature Tester

The AK90 Tester is a practical and versatile instrument suitable to monitor pH and temperature parameters in a variety of applications: drinking water and wastewater treatment, Food and beverage industry, Horticulture, Hydroponics, Agriculture, Swimming Pools, lithographic processes, boiler and cooling tower, aquaculture, aquarium and brewing.

Hydroponics: Monitoring the pH and temperature of nutrient solutions, essential for the healthy growth of plants in hydroponic systems.

Beer Production: Strict pH control during the fermentation and beer production process, ensuring the quality and flavor of the final product.

Water Treatment: Measuring pH and temperature in water treatment processes to ensure that quality standards are maintained, and purification processes are effective.

Food Industry: Checking the pH of foods and beverages during production to ensure compliance with quality and food safety specifications.

Education: Used in school and university laboratories for experiments and teaching about pH measurements and their applications.

Quality Control: In various industrial sectors to monitor the quality of products and processes, ensuring that parameters are within the required standards.

The AK90 pH meter combines robustness and practicality, making it the ideal choice for professionals and researchers looking for a reliable and efficient instrument for controlling pH and temperature in a wide range of applications.



1

year warranty against manufacturing defects

(INSTRUMENT)

6

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

(PROBE)



SPECIFICATIONS

Measuring range:	0.0 to 14.0 pH 0 to 50°C
Resolution:	0.1 pH 0.1°C
Accuracy:	± 0.1 pH ± 1°C
Calibration:	4.01, 7.00 e 10.01 pH
(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
- sample solutions 20ml pH
4, 7, 10 and KCl