

pH/ORP/Temp Portable Meter

AK110 - pH Max

The AK110 pH meter is the ideal instrument for liquid sample analysis and measurements in laboratory environments, offering a practical and efficient approach to your routine.

Main Features:

Resistance and Durability: With IP65 water protection, the AK110 is designed to withstand demanding conditions and ensure a long service life.

Connectivity and Adjustments: Equipped with a universal BNC connector, the meter offers automatic (ATC) and manual (MTC) temperature compensation, as well as adjustment to USA and NIST standards, meeting a variety of measurement needs.

Advanced Display: Illuminated display with double indication of pH and temperature, providing clear and accurate reading.

Additional Features:

Reading freeze for temporary data retention.

Indication of electrode slope and measurement stabilization.

Internal memory for storing up to 100 records.

ORP measurement: The meter also supports Oxidation-Reduction Potential (ORP) measurements, with additional electrode available for separate purchase.

The AK110 is ideal for those looking for a robust and reliable instrument for laboratory applications. It comes with a resistant case, ensuring practicality and safety in storing and transporting the equipment.



2 years warranty
(INSTRUMENT)

6 months warranty
(PROBE)



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SPECIFICATIONS

Range: pH: - 2.00 to 16.00 pH ORP: -1999 to 1999 mV Temperature: 0 to 80 °C	Resolution: pH: 0.01 pH ORP: 1mV Temperature: 0.1°C	Accuracy: pH: ± 0.01 pH ORP: ± 3 mV Temperature: ± 0.5°C
Calibration (pH):	USA: NIST:	4.01, 7.00, 10.01 pH 4.00, 6.86, 9.18 pH
Temperature compensation	Automatic (Auto): Manual:	0 to 80 °C 0 to 80 °C
Memory:		100 records
Backlight:		On/Off
Auto power off:		15 minutes
Reading (HOLD):		Manual
Operating temperature:		0 to 50 °C
Operating humidity:		10 to 90 %RH
Protection:		IP65
Power supply:		1 x 9V battery
Low battery indicator:		Visual
Dimensions (WxHxL):		83 x 175 x 34 mm
Weight:		257g

Items included with the instrument:

- 1 pH electrode with temperature sensor AK1001
- 1 storage and transport case
- 1 instruction manual
- 20ml samples of 4, 7, 10 and KCl solutions

Items sold separately:

- AK1010 ORP electrode
- RCA AK1040 temperature probe