

pH/ORP/Temp Portable Meter

AK111 - Max Food

The AK111 is the ideal choice for pH analysis in semi-solid products such as cheese, pasta, creams and cosmetics. This specialized instrument is designed to provide accurate and easy pH measurements in substances with various consistencies.

Equipped with an electrode specifically designed for semi-solid products, the AK111 provides efficient and reliable analysis. The meter is water resistant (IP65) and has a universal BNC connector, ensuring durability and ease of use. The Automatic Temperature Compensation (ATC) adjusts measurements for accuracy in different conditions, while the illuminated display simultaneously shows pH and temperature, making results easy to read. The AK111 offers additional features, such as reading freeze, electrode slope indication, and stabilization indication, as well as internal memory for up to 100 records. While it is focused on measuring pH, the AK111 can also measure ORP with an additional electrode that can be purchased separately.

Ideal for those in need of a robust instrument, adapted for analyzing semi-solid products, the AK111 meter comes with a practical carrying case for safe storage and transportation, providing convenience and protection for your equipment.



2 years warranty
(INSTRUMENT)

6 months warranty
(PROBE)



A K S O

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: ± 0.03 pH
ORP: ± 3 mV
Temperature: $\pm 0.5^\circ\text{C}$

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:

10 minutes

Reading (HOLD):

Manual

Operating temperature:

0 to 50 °C

Operating humidity:

10 a 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 that accompany the instrument:

- 1 pH electrode for semi-solids with AK1002 temperature sensor
- 1 storage and carrying case
- 20ml solutions – pH 4, 7, 10 and KCl
- 1 instruction manual

Items sold separately:

- AK1010 ORP electrode
- Temperature probe RCA connector AK1040