

pH/ORP/Temp Portable Meter

## AK112 - Max Meat

The AK 112 Max Meat pH meter is the ideal solution for slaughterhouses and meat processing plants, offering precision and reliability in analysis. Equipped with a knife-type electrode, the instrument is specially designed for measuring meat and carcasses, facilitating the analysis process.

**Main Features:**

**Resistance and Durability:** Certified with IP65 protection against water, ensuring resistance in humid and demanding environments.

**Connectivity and Adjustments:** Includes universal BNC connector for easy connection, with automatic (ATC) and manual (MTC) temperature compensation, as well as adjustments to USA and NIST standards according to your specific needs.

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

**Additional Features:**

Read freezing for data retention.

Indication of electrode slope and measurement stabilization.

Internal memory for up to 100 records.

**ORP measurement:** Oxidation-Reduction Potential (ORP) measurement functionality is available with additional electrode, sold separately.

The AK112 Meat is designed to meet the rigorous demands of the industry, offering robust and reliable performance. The instrument is accompanied by a resistant case for safe storage and transportation, ensuring practicality and protection during use and movement.



2

*years warranty*

(INSTRUMENT)

6

*months warranty*

(PROBE)



**A K S O**

## SPECIFICATIONS

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

### Items included with the instrument:

- 1 pH electrode with knife and temperature sensor AK1003
- 1 storage and transport case
- 1 instruction manual
- 20ml solutions - 4, 7, 10 and KCl

### Items sold separately:

- AK1010 ORP electrode
- RCA AK1040 temperature probe