

PH METER

AK131 Max Bench pH Meter

The AK131 Max is the ideal choice for laboratories that require a robust, high-performance instrument with features that ensure accuracy, traceability, and reliable results.

The instrument has GLP (Good Laboratory Practices) functions, which allow you to set the validity of the last adjustment made, check which standards were used, monitor the results obtained, and consult the slope of the pH electrode.

Key Features:

- GLP functions (Good Laboratory Practice): stores calibration date, standards used, electrode slope, and measurement history.
- Temperature compensation: automatic (ATC) and manual (MTC).
- Calibration standards: USA and NIST.
- Illuminated LCD display for clear pH and temperature readings in any lighting condition.
- Memory for up to 1000 records (manual or automatic), ensuring full traceability.
- PC communication via USB for easy data transfer.
- Printer communication via RS232 for direct report printing.
- Optimized for pH measurements, but also capable of ORP measurements with an optional electrode.

Although optimized for pH measurements, the AK131 can also perform ORP measurements with an additional electrode purchased separately.



SPECIFICATIONS

	Measurement ranges:	Resolution	Accuracy
pH:	-2.00 to 19.99pH -2.000 to 19.999pH	0.01pH 0.001pH	±0.01pH/±0.002pH
ORP:	±1999.9 mV	0.1mV	± 0.2mV
Temperatura:	-5.0 a 100.0°C	0.1°C	± 0.5°C
Calibration points:	Fixed: 1.68 / 4.01 / 6.86 / 7.01 / 9.18 / 10.01 / 12.45pH 2 customizable points		
Memory	Up to 1000 records (manual or automatic) Data logging interval: 1 to 120 minutes Data logging capacity: 1 to 200 measurements		
Power supply:	220 VAC/12Vdc Adapter		
Dimensions (WxLxH):	216 x 190 x 59		
Weight	950g		
Operating conditions:	Temperature: 0 to 50 °C Humidity: 10 to 90% RH (non-condensing)		
Other features	LCD with Backlight (On/Off):		
	Reading hold: Manual/Autohold		
	Low Batery indicator on display:		
	Degree of protection IP65:		

Included items

- Glass pH electrode - AK1004
- Temperature probe - AK1040
- Adjustable arm - AK1050
- 12 AC/DC adapter - AK1055
- Sample solutions pH4, 7, 10, and KCl 20mL

2 **INSTRUMENT**
Years warranty against
manufacturing defects
(Includes legal warranty)

6 **ELECTRODES**
Months against
manufacturing defects
(Includes legal warranty)