

labodam



Portable pH Meter

LPRPM-A1 Series

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Portable pH meter LPRPM-A10

Portable pH meter LPRPM-A10 is equipped with amplified pH probe and a built-in temperature sensor to measure pH, mV as well as temperature of the solution. This economic pH meter comes with 2 points push button calibration along with auto-buffer recognition to maintain accuracy of test sample readings. The data hold function freezes current reading for easy observation of the test results. It is in accordance with GLP standards.

Features

- Wide measurement pH range: -2.00 to 16.00 pH
- pH resolution: 0.01 pH
- Auto-buffer recognition using 2 points push button calibration
- Data hold function freezes current reading for easy viewing and recording
- Automatic electrode slope display helps user decide whether to replace sensor
- Help message as an operational guide for Quick access to the pH meter
- Automatic temperature compensation ensures accurate measured value over the entire range
- Expanded memory stores and recalls data up to 50 test readings
- Built-in real time clock stamps stored data to meet GLP standard

Applications

The portable pH meter has applications in waste water treatment & water management, aquaculture, food & beverage processing, environmental monitoring & research and educational purpose.

Portable pH meter LPRPM-A10

Specifications

Model no.	LPRPM-A10
pH range	-2.00 to 16.00 pH
pH accuracy	±0.01 pH
pH resolution	0.01 pH
Calibration points	2 points
Calibration solutions	USA (pH 4.01/7.00/10.01),
Temperature compensation	0 to 100°C, 32 to 212°F, Manual or Automatic
mV range	-1999 to +1999 mV
mV accuracy	±1 mV
mV resolution	1 mV
Temperature measuring range	0 to 100°C, 32 to 212°F
Temperature accuracy	±1°C
Temperature resolution	0.1°C
Hold function	Manual
Storage/memory	Stores up to 50 data sets
Communication output	USB
Connector	BNC
Dimension (L*W*H)	185×88×32 mm
Weight	300 g
Battery life	About 150 hours
Power	9V/800mA battery

Standard accessories

- pH electrode
- Temperature probe
- pH buffer solution (pH 4.01/7.00/10.01)
- 9V battery
- Carrying case

Optional accessories

- Temperature probe
- pH buffer solution (pH 4.01/7.00/10.01)
- Suitable pH electrodes

Portable pH/ORP meter LPRPM-A11

Portable pH/ORP meter LPRPM-A11 with high precision can improve temperature measurement accuracy through manual temperature calibration. It measure pH, mV, ORP, temperature of the sample. Equipped with built-in system menu helps in customize selection of up to 9 functional parameters. The unique calibration due reminder alerts user to calibrate the pH meter regularly. The Multi-mode power solution ensures smooth instrument usage. Its complied in accordance with GLP standards.

Features

- Measurement pH range: -2.00 to 20.00 pH
- pH accuracy: ± 0.002 pH up to three decimal points
- Auto calibration recognition using 1 to 5 point calibration for pH mode
- 1 point offset calibration for ORP mode allows to adjust the display value to a known standard
- The mV measurements (relative & absolute) for accurate ORP readings
- Automatic end point locking system for stable measurement (browsing & recording)
- Automatic electrode slope display helps user decide whether to replace the sensor
- Extended memory can store up to 500 sets of measurement data
- Built-in clock automatically notes the date, time
- USB communications interface sends data to PC.
- One touch reset automatically recovers the meter to factory default settings

Applications

The portable pH/ORP meter has applications in waste water treatment & water management, aquaculture, food & beverage processing, environmental monitoring & research and educational purpose.

Portable pH/ORP meter LPRPM-A11

Specifications

Model no.	LPRPM-A11
pH range	-2.00 to 20.00 pH
pH accuracy	±0.002 pH
pH resolution	0.1, 0.01, 0.001 pH
Calibration points	1-5 points
Calibration solutions	USA (pH 4.01/7.00/10.01/12.45), NIST(pH 1.68/4.01/6.86/9.18/12.45), DIN (pH 1.09/4.65/6.79/9.23/12.75) or user defined
Temperature compensation	0 to 100°C, 32 to 212°F, Manual or Automatic
mV range	-1999 to +1999 mV
mV accuracy	±0.2 mV
mV resolution	0.1, 1 mV
Temperature measurement range	0 to 100°C, 32 to 212°F
Temperature accuracy	±0.5°C, ±0.9°F
Temperature resolution	0.1°C
Hold function	Manual
Storage/memory	Stores up to 500 data sets
Communication output	USB interface
Connector	BNC
Dimension (L*W*H)	170×85×30 mm
Weight	300 g
Battery life	About 150 hours
Power	4.5V "AA batteries or DC5V power adapter

Standard accessories

- pH electrode
- Temperature probe
- pH buffer solution (pH 4.01/7.00/10.01)
- 9V battery
- Carrying case

Optional accessories

- Temperature probe
- pH buffer solution (pH 4.01/7.00/10.01)
- Suitable pH electrodes