

labodam

# Benchtop pH Meter

**LBPM-B11**



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## Benchtop pH Meter LBPM-B11

Benchtop pH meter LBPM-B11 is a tabletop meter with a pH range of -2.000 to 20.000 and 1 to 5 calibration points. Automatic temperature compensation provides accurate reading over entire pH range. Solution temperature coefficient compensates for the pure water samples. Relative and absolute modes provide reliable ORP measurements.

### Features

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- 1 to 5 points push-button calibration with auto-buffer recognition
- pH buffer group ( selectable )
- Automatic electrode diagnosis with pH slope and offset display
- Automated temperature compensation
- Alarm alerts when reading exceeds range
- 1 point offset calibration allows adjustment of displayed value to a known standard
- Calibration due reminder ( to calibrate the meter )
- Interval readings automatically sends the measured data to the computer or printer
- Password protection prevents unauthorized calibration and settings
- Expanded memory stores and recalls up to 1000 data sets.
- Stored readings can be transferred into the computer by USB communication interface.
- Reset feature automatically resumes all settings back to factory default options

### Application

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Used for daily measurement of pH, ORP and temperature at schools, colleges and research laboratories and water testing plants

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## Specifications

Model No	LBPM-B11
Temperature compensation	0 ~ 100 °C, 32°F ~ 212°F Manual or Automatic
Hold function	Manual or automatic endpoint detection
Stability criteria	Standard or High-accuracy
Interval readings	10, 30, 60 seconds, 10, 30 minutes or Off
Calibration due alarm	1 to 31 days
Memory	Stores up to 1000 data sets
Output	USB communication interface
Display	7 inch TFT LCD
Power	DC 1 2V / 2A power adapter
Dimensions ( L x W x H )	240 × 220 × 80 mm
Weight	1.7 kgs

## pH Specifications

Measuring range	-2.000 to 20.000 pH
Accuracy	± 0.002 pH
Resolution	0.001, 0.01 pH
Calibration points	1 to 5 points

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## mV Specifications

Measuring range	$\pm 2000$ mV
Accuracy	$\pm 0.1$ mV
Resolution	0.1 mV
Calibration points	1 point ( Only for relative mV mode )

## Temperature Specifications

Measuring range	0 ~ 105 <sup>°</sup> C, 32 <sup>°</sup> F ~ 221 <sup>°</sup> F
Accuracy	$\pm 0.5$ <sup>°</sup> C, $\pm 0.9$ <sup>°</sup> F
Resolution	0.1 <sup>°</sup> C, 0.1 <sup>°</sup> F
Calibration points	1 point

## Standard accessories

Accessory No	Accessory
1	pH electrode
2	Temperature probe
3	pH buffer pouches (4.01 / 7.00 / 10.01)
4	DC12V Power adapter