

Benchtop pH Meter

LBPM-B11



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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

- 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

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	± 2000 mV
Accuracy	± 0.1 mV
Resolution	0.1 mV
Calibration points	1 point (Only for relative mV mode)

Temperature Specifications

Measuring range	0 ~ 105 [°] C, 32 [°] F ~ 221 [°] F
Accuracy	± 0.5 [°] C, ± 0.9 [°] F
Resolution	0.1 [°] C, 0.1 [°] 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