



# Benchtop pH Meter

## LBPM-B10

## BENCHTOP PH METER LBPM-B10

Benchtop pH meter LBPM-B10 comes with -2.000 to 20.000 pH range and is suitable for daily pH measurement, testing. 1 to 5 points push button calibration is performed using standard USA or NIST pH buffers & 1 point calibration to measure ORP. It offers automatic or manual temperature compensation mode of pH measurements. The pH meter with sleek design has easy to read backlit LCD screen which shows pH measurements & temperature simultaneously.

### pH Mode Features

- Equipped with white backlit LCD display
- pH measurement range -2.000 to 20.000 pH
- 1 to 5 points push button calibration to automatically identify pH buffer
- Automatic electrode slope display, helps the operator when to replace the sensor
- Automatic temperature compensation for accurate measured value over the entire range
- Universal BNC connector
- Built-in solution holder

### ORP Mode Features

- ORP measurement range -1999.9 to 1999.9 mV
- Single point offset calibration to adjust the display value to a known standard
- Relative & absolute mV measurements for accurate ORP readings

### Common Features

- Calibration due reminder informs operator to calibrate the meter regularly
- Stability indicator displays the status of current measurement
- Auto hold function freezes stable, final readings for better viewing and recording
- Manual temperature calibration to rectify the deviations in temperature
- Automatic temperature compensation for accurate measured value over the entire range
- Selectable temperature units (°C or °F) for different application requirements
- Expanded memory stores and recalls up to 500 readings
- Help message as an operational guide, helps users for quick access to the parameters
- Reset function automatically resumes all the setting back to factory default options
- Store data is transferrable into computer via USB communication interface

## Applications

The benchtop pH meter can be used for daily measurement of pH, ORP & temperature at schools, colleges & research laboratories & water testing plants.

## Specification

Model no.	LBPM-B10
pH measurement range	-2.000 to 20.000 pH
pH accuracy	± 0.002 pH
pH calibration points	1-5 points
pH calibration solutions	USA, NIST, DIN or user defined

ORP measurement range	-1999.9 to 1999.9 mV
ORP accuracy	±0.2 mV
ORP calibration points	1 point
ORP calibration range	±200 mV
ORP calibration solutions	mV & relative mV

Temperature compensation	0 to 100°C, 32 to 212°F, Manual or Automatic
Stability conditions	Low or high
Calibration due	0 to 31 days
memory	Stores up to 500 data sets
Output	USB communication interface
Dimension (L*W*H)	210×188×60 mm
Connector	BNC
Weight	1.5 kg
Power	DC5V using AC adapter, AC220V /50 Hz

## **Standard accessories**

- BNC pH Electrode
- Temperature probe
- pH buffer pouches (pH 4.01/7.00/10.01)
- USB cable
- Dc5V power adapter

## **Other accessories**

- pH Electrode
- pH buffer pouches (pH 4.01/6.98/9.18) NIST
- pH buffer pouches (pH 4.01/7.00/10.01) USA
- Temperature probe