



# Benchtop pH Meter

## LBPM-B20

Benchtop pH Meter LBPM-B20 is a compact and versatile device designed for accurate pH measurements across a range of -2.0 to 19.99pH. Equipped with a vibrant 7-inch colour touch LCD screen has a resolution of 1024×600. Supports effortlessly data transfer through Seamless transitions between different measurement modes conductivity, TDS, salinity and resistivity and estimates accurate calibrations.

## Features

- ❑ Mechanized with automatic recognition of the 25 conductivity standard solutions
- ❑ Utilize advanced conductivity measurement technology with an accuracy of  $\pm 0.01$
- ❑ Facilitates connectivity with PC and wireless Bluetooth printing
- ❑ Uses a multinomial system for expressing calculations for precise calibrations
- ❑ Store 1000 sets of test data readings, that can be easily saved and transferred to a USB memory
- ❑ Features a built-in microprocessor chip with functions such as automatic calibration, self-diagnosis and data storage

## Specifications

Model No.		LBPM-B20
pH	pH Measurement range	-2.0 to 19.99pH
	pH Accuracy	Meter: $\pm 0.01$ pH Complete Kit: $\pm 0.02$
	pH Resolution	0.1/0.01
	Calibration Point	1, 2, 3 points
	Input Current	$\leq 2 \times 10^{-12}$ A
	Input Impedance	$\geq 1 \times 10^{12} \Omega$
	Stability	$\pm 0.02$ pH/3h
	Temperature Compensation	Auto or Manual; 0°C to 100°C
mV ORP	Measuring Range	$\pm 1999.9$ mV
	Resolution	0.1 mV
	Accuracy	$\pm 0.03\%$ FS

Temperature	Measuring Range	0°C to 100°C
	Resolution	0.1°C
	Accuracy	5°C to 60°C: $\pm 0.4^\circ\text{C}$ Others: $\pm 0$
Optional	Display	7-inch LCD display
	Data storage	1000 sets
	Power	12V/1A
	Output	USB, PC, Wireless Bluetooth printing
	Ambient Temperature	5° to 35°C
	Ambient Humidity	$\leq 85\%$
	Dimensions	215×170×37 mm
	Weight	600g

## Standard Accessories

Accessories No	Accessories Name
1.	pH Electrode
2.	Temperature Probe
3.	Electrode holder
4.	Power Adapter
5.	Buffer Solution
6.	Manual

## Applications

The Benchtop pH Meter is widely applied in pharmaceutical, chemical, agricultural, cosmetic, detergent industries and treatment plants like sewage water treatment and water purification.