

# BenchTop pH Meter

Benchtop pH meter 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 readings over the entire pH range. LabTouch pH Meter is an outstanding combination of advanced electronics design and coupled with advanced software & and reliable electrochemical sensor technology, uses a combination of plastic pH electrodes with a temperature sensor(PT100) for the simultaneous measurements of pH & temperature.

## Features:

- 7" Capacitive Touch Screen display with resolutions 800 X 480 pixels
- pH, mV, and Temperature measurement
- Automatic or Manual Temperature Compensation
- 1 - 5 Point pH calibration
- Calibration Report as per GLP requirements
- Alarm alerts in calibration and sample measurements
- Electrode slope and mv offset display in calibration
- Data Logger (Auto and Manual) for Sample Measurement
- Expanded memory stores & and recalls up to 1000 data sets
- Real-Time Clock displays on the meter
- Data logging auto Mode - max samples 10
- Data logging log Mode interval selectable read interval time from 15, 30, 45, 60 secs and total read time from 5, 10, 15, 20, 25, 30 mins
- USB (2 No.) connectivity for PC, pen drive, printer, and other USB devices
- LAN and WIFI connectivity



## Specifications:

Temperature Compensation	0 ~ 100 °C , Automatic or Manual
Endpoint Mode	Auto
Data logger interval	Read Rate(sec) 15, 30, 45, 60, Read Time(mins) 5, 10,15,20,25,30
Memory	Stores up to 1000 data sets
RTC	Displays real Date & Time
Output	USB , LAN communication interface,
Display	7" Capacitive Touch display
Power	DC 12V / 2A power adapter
Operating Temperature	5 ~ 50 °C
Dimensions (L x W x H)	240 x 220 X 80 mm
Weight	2 Kgs

## pH,mV, Temperature Specifications:

pH	Measuring Range	-2.000 to 20.000
	Accuracy	pH ± 0.002 pH
	Resolution	0.001 pH
	Calibration Points	1 to 5 points
mV	Measuring Range	± 2500mV
	Accuracy	± 0.01 mV
	Resolution	0.001 mV
Temperature	Measuring Range	0 ~ 100 °C
	Accuracy	± 0.5 °C
	Resolution	0.01 °C

## Standard Accessories:

Accessory No.	Accessory
1	Magnetic Stirrer with Electrode holder
2	pH Electrode pH combination Glass Electrode
3	Temperature Probe (PT100)
4	Calibration Standards pH 1.68, 4.00, 7.00, 9.18 and 12.45 x 50mL (1 bottle for each)
5	DC12V Power Adapter

## Application:

The pH meters are digital instruments that are used to measure the pH value of a solution. pH meter is widely used in environmental protection, sewage treatment, scientific research, Pharmaceutical, fermentation, chemical, aquaculture, tap water, Cosmetic, Biological, Agricultural fields and other fields. The instrument is also used in a food factory, drinking water plant to do QS, HACCP certification in the necessary testing equipment.

