

# BenchTop pH Meter

## DESCRIPTIONS:

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:

1. 7" Capacitive Touch Screen display with resolutions 800 X 480 pixels
2. pH, mV, and Temperature measurement
3. Automatic or Manual Temperature Compensation
4. 1 - 5 Point pH calibration
5. Calibration Report as per GLP requirements
6. Alarm alerts in calibration and sample measurements
7. Electrode slope and mv offset display in calibration
8. Data Logger (Auto and Manual) for Sample Measurement
9. Expanded memory stores & and recalls up to 1000 data sets
10. Real-Time Clock displays on the meter
11. Data logging auto Mode - max samples 10
12. Data logging log Mode interval selectable read interval time from
13. 15, 30, 45, 60 secs and total read time from 5, 10, 15, 20, 25, 30 mins
14. USB (2 No.) connectivity for PC, pen drive, printer, and other USB devices
15. LAN and WIFI connectivity



## 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 50 mL (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.

# 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



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