



### Overview

Benchtop pH Meter is designed for measurement of pH and other parameters. It is equipped with built-in real-time clock that meets the GLP regulatory standards of any laboratory setting. It enables automatic temperature compensation for accurate display of reading value over the entire pH range. The subsequent reminder alerts for calibration aids in maintaining the smooth functioning of a meter.

### TECHNICAL SPECIFICATIONS:-

- pH Specifications:- Range: (-2.000~20.000) pH
- Accuracy:  $\pm 0.002$ pH
- Resolution: 0.1, 0.01, 0.001pH, Selectable
- Calibration Points: 1 to 5 points
- Calibration Solutions: USA, NIST, DIN or Userdefined
- Temperature Compensation: 0~100°C, 32~212°F
- mV Range: (-1999.9~1999.9) mV
- mV Accuracy:  $\pm 0.2$ mV
- \$750.00 1 - \$750.00
- mV Resolution: 0.1, 1mV, Selectable
- mV Calibration Points: 1 point (Only for Relative
- mV mode)
- mV Calibration Range:  $\pm 200$ mV

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



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- Temperature Range: 0~105°C, 32~221°F
- Temperature Accuracy: ±0.5°C, ±0.9°F
- Temperature Resolution: 0.1°C
- Calibration Range Measured value: ±10°C
- General Hold Function: Manual or Automatic
- Stability Conditions: Low or High
- Calibration Due: 0 to 31 days
- Power off: Manual or Automatic (10, 20, 30 minutes)
- LCD Display dimensions: 130 × 110 mm
- Power Supply: DC5V, AC adapter, 220VAC/50Hz
- Dimensions (L×W×H): 210 × 188 × 60 mm
- Weight: 1.5 kg

#### Features :

- >Large backlit LCD display
- >Selectable pH buffer standard (USA/NIST/DIN) for automatic calibration
- >Automatic electrode slope display to guide the user whether to replace sensor
- >Easy reading and recording of measured data with Auto-Hold function
- >Selectable temperature unit (°C or °F) meets different application requirements
- >Automatic electrode diagnosis shows zero point offset and slopes of the pH electrode
- >Automatic Reset function resumes all parameters back to factory default settings
- >Expandable memory stores and recalls up to 500 readings
- >Easy transfer of data via USB communication interface

#### Applications :

It has multidisciplinary applications in areas like research and development, water testing laboratories, sewage water treatment plant, brewing and wine industries, healthcare and clinical applications etc

#### Standard Accessories :

Accessories No Name

1 pH electrode

2 Temperature probe

3 pH buffer solutions (pH 4.0/7.00/10.01)

4 DC5V power adapter

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