

# pH METER

## ALS-PH010



- **DESCRIPTION**

The ALS-PH010 Meter is a versatile instrument designed to measure the acidity or alkalinity of a solution with high precision. Ideal for laboratory and industrial applications, this pH meter ensures reliable and accurate readings with a user-friendly design.

- **KEY FEATURES**

- **Large Backlit LCD Display**

Provides clear visibility with mode indicators and operational guidance for ease of use.

- **Push-Button Calibration**

Supports up to 3-point calibration with automatic buffer recognition for enhanced accuracy.

- **Customizable Settings**

Allows selection of pH buffer standards, temperature units, calibration points, and more to suit individual preferences.

- **Automatic Electrode Slope Calculation**

Automatically computes and displays electrode slope after calibration for reliable performance.

- **Automatic Temperature Compensation (ATC)**

Delivers precise measurements across the entire temperature range.

- **Automatic Endpoint Function**

Locks stable measured values for consistent and accurate readings.

- **Operational Help Messages**

On-screen prompts guide users through setup and operation for a hassle-free experience.

- **User-Friendly Setup Menu**

Customize features such as buffer standards, hold functions, auto-off settings, and more.

- **Reset Function**

Restores all settings to factory defaults with ease, ensuring quick system recovery.

## SPECIFICATIONS

| Parameter                | Details                              |
|--------------------------|--------------------------------------|
| pH Range                 | -2.00 to 16.00 pH                    |
| pH Resolution            | 0.01                                 |
| pH Accuracy              | ± 0.01 pH                            |
| Calibration Points       | Up to 3 points                       |
| Temperature Range        | 0 to 105°C                           |
| Temperature Accuracy     | ± 0.5°C                              |
| Temperature Resolution   | 0.1°C                                |
| Temperature Compensation | 0–100°C (Manual/Automatic)           |
| Display                  | LCD (135×75 mm)                      |
| Hold Function            | Available                            |
| Auto-Off Function        | Available                            |
| Connector                | BNC                                  |
| Power Requirements       | DC 9V, with AC Adapter (220VAC/50Hz) |