ALMANAC LIFE SCIENCE INDIA PVT. LTD.

(Regd. Under Ministry of Corporate Affair, Registrar of Companies Delhi)

PH METER

ALS-INS030

DESCRIPTION

The ALS-INS030 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.

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TECHNICAL SPECIFICATIONS

Model	PH-METER031
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)