PHOENIX INDIA SOLUTIONS

PH METER

pH Meter

This bench-top pH meter is an ideal help in every laboratory for routine or R&D level measurement. This very handy instrument measures pH, mV and has 40- point data memory storage.

SPECIFICATIONS:

1) pH range: -2.00 to 19.999

2) Resolution: 0.001 pH

3) Relative Accuracy: +/- 0.002 pH

4) Slope: 3 points 80% to 120%,
    5 points 90% to 105%

5) Sensor: Combination pH electrode

6) Calibration: Auto-calibration
& printout of calibration Report**.**

7) Millivolt: mV range 0 to +/- 1999.9 mV

8) Resolution: +/- 0.1 mV

9) Relative accuracy: +/- 0.2 mV

10) Input: 1 BNC, 1 Banana, 1 ATC - PT 100

11) Input Impedance: > 1012ohms

12) Report format:

(a) Report of selected pH & mV reading with temperature.

(b) Calibration report

(c) Data table & Graph (optional)

13) Temperature:

a) Temperature: 0 to 150C

b) Resolution: 0.1C

c) Relative Accuracy: 0.2C

d) Sensor: RTD PT 100

e) Temp. Compensation: Auto/Manual

FEATURES

1) **Advanced microcontroller based** user friendly state-of-the-art product design.

2) PICO pH Meter complies to **USP and DIN standards**.

3) User interactive software in dialogue mode for ease of operation with protection against invalid entries.

4) 20 x 2 line back lighted **LCD display.**

5) Simultaneous measurement of **pH, mV and temperature**.

6) Non- volatile memory storage of :
40 pH and 40 mV readings with temperature in pre-selected GLP or Non-GLP format.

7) **Password protection** for calibration data and stored Readings.

8) C**alibration data with date and time** stamp for authentication. Facility to view the calibration data.

9) Calibration reminder alarm.

10) Alphanumeric entries of sample name, identification number for authentication.

11) **ATC by Pt.100** temperature sensor. Range 0° to 150° C. 3 point (Isopotential) or 5 point (linear or segmented) calibration protocol.

12) **Built-in real time clock (RTC) for time display** and on report printout.

13) Factory entered CUSTOMER NAME on report printout for authentication.

14) Error indication helps the user to trace the problem.

15) **Audible beep indication** during valid key operation.