



Analytical Balance & Scientific Instruments



Benchtop pH / mV / °C Meter



pH Meter (Microprocessor)

SALIENT FEATURES

AUTOMATIC CALIBRATION

LMPH meter is capable of calibrating up to 2 points using USA or NIST pH standard buffer. Press CAL key to enter calibration mode and immerse pH electrode into indicated calibration solution, press ENTER key and meter is automatically calibrated.

AUTO-BUFFER RECOGNITION

During calibration, if the calibration solution does not match the meter's indicated value, an ERROR message is displayed.

VIEW ELECTRODE SLOPE

After calibration, the percentage slope of the electrode is displayed before the meter returns to measurement mode. Per the slope value, you decide whether to change the pH electrode.

AUTOMATIC TEMPERATURE COMPENSATION

Using the supplied temperature probe, the temperature value is displayed on the screen. The meter provides manual or automatic temperature compensation mode for optimum accuracy under variable temperature conditions

FLUID RESISTANT HOUSING AND SWIVEL ELECTRODE HOLDER

The integrated plastic housing and keypad is sealed to protect against accidental spills and splashes. The electrode holder arm is rapidly switched to both sides and swivels and articulates for convenient use and positioning

SPECIFICATIONS

| Model | LMPH-10 |
|--------------------------|---|
| Make | LABMAN |
| pH Range | 0.00 to 14.00 pH |
| pH Resolution | ± 0.01pH |
| pH Accuracy | ± 0.01pH |
| mV Range | 0 to ± 1999mV |
| mV Accuracy | ±1mV |
| Temperature Range | 0 to 100°C |
| Temperature Accuracy | ±1°C |
| Calibration Points | 2 points |
| pH Buffer Options | NIST (pH 4.00 / 6.86 / 9.18) or USA (pH4.01 / 7.00 / 10.00) |
| Temperature Compensation | 0 to 100°C, Manual or Automatic |
| Power supply | DC 9V, using AC Adaptor 220 VAC, 50 Hz |
| Dimensions LxWxH (mm) | 210 x 205 x 65 |
| Weight | 1.75 kg |

METER INCLUDES: pH Electrode, pH Buffers, Temperature Probe, Electrode Stand, 9V Power Adaptor & Instruction Manual.