

pH/ORP/ION/°C Meter



ION Meter (Microprocessor Precision)

SPECIFICATIONS

Model	LMION - 40
Make	LABMAN
pH Range	-2.000 to 16.000 pH + °C,
pH Accuracy	0.002 pH
ORP Range	0 to ±1999.9mV
ORP Accuracy	±0.2 mV
Ion Concentration Range	0 to 19999 ppm
Ion Concentration Accuracy	± 0.5% F.S (Monovalent), ±1% FS (Divalent)
Temperature Range & Accuracy	0.0 to 100.0°C, & ± 0.3°C,
pH Calibration Points	2 points, NIST (pH 4.00 / 6.86 / 9.18) or USA (pH 4.01 / 7.00 / 10.01)
Ion Calibration Points	2 to 5 points, (10 ⁻² /10 ⁻³ /10 ⁻⁴ /10 ⁻⁵ /10 ⁻⁶ /mol/L)
Temperature Compensation	0 to 100°C, Manual or Automatic
Built-in Ion mode	Na, Ag, K, NH ₃ , CL, F, Ca, No ³ , Pb, I, Cu, Br, CN,
Memory & Output	99 data sets with date/time stamping, USB
Power supply	DC 9V, using AC adapters, 220VAC,50Hz
Dimensions LxWxH (mm)	210 X 188 X 60
Weight	1.75kg

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

SALIENT FEATURES

LMION-40is high accuracy meter used for measuring pH, Oxidation- Reduction Potential (ORP) and ION concentration.

FEATURES

Ion concentration mode directly displays readings in ppm, ppt, or any other units of your choice.

Calibrate up to 2 points for pH using USA or NIST buffer sets; Up to 5 points for ion concentration measurement.

Auto-buffer recognition eliminates calibration mistakes and ensures calibration accuracy

Automatic temperature compensation for best accuracy under fluctuating temperatures.

Meters automatically calculate and display electrode slope.

Automatic message prompts help you easy to operate meter.

Expanded memory stores and recalls up to 99 data sets.

USB Communication interface can be sent data to computer