



Benchtop ION/pH/mV/°C Meter

LMION40



E - Catalogue

LMION40 is a high accuracy meter, used for measuring the ION concentration, ORP and pH values of liquids. The meter widely used in environmental studies, chemical labs, swimming pools etc.

SALIENT FEATURES

- ◆ During the pH mode, Up to 5 points push-button calibration with auto-buffer recognition
- ◆ Selectable pH buffer standards and temperature units.
- ◆ Automatically calculates and displays electrode slope after calibration.
- ◆ During the ion mode, 2 to 5 points push-button calibration from low to high concentrations
- ◆ Direct readout ion concentration simplifies the elaborate measurement process.
- ◆ Automatic Temperature Compensation (ATC) ensures highly accurate measurements over the entire range.
- ◆ Automatic endpoint function freezes the stable measured values for easy reading and recording data.
- ◆ Calibration due reminder prompts you to calibrate the meter regularly.
- ◆ Help message as a operational guide to helps you understand how to use meter.
- ◆ Setup menu lets user customizes buffer standards, calibration points, stability conditions, resolution, measurement units, date and time to meet measurement requirements.
- ◆ Reset function can resumes all settings to factory default values.
- ◆ Built-in real-time clock stamps stored data to meets GLP standards.

Optional Accessories
 Fluoride ISE
 Nitrate ISE

STANDARD ACCESSORIES : Main Instrument, pH Electrode, pH Buffer (4.01, 7.00,10.01), Electrode Stand, ATC Probe, USB Adaptor, Instruction Manual, Test Certificate.

ION/pH/mV/°C Meter - 5 points calibration

HSN Code : 90275090

SPECIFICATIONS

pH	MODEL	LMION40
	Make	LABMAN
	pH Range	-2.000 ~ 20.000pH
	pH Accuracy	±0.002pH
	Resolution	0.001,0.01,0.1pH (Selectable)
Ion	Calibration Points	up to 5 points
	Ion Concentration Range	0.001~19999 ppm,mg/L,mol/L (Selectable Depending on meas. Range of Ion Selective Electrode)
	Ion Concentration Accuracy	±0.5% Full Scale (Monovalent),±1% Full Scale (Divalent)
	Ion Resolution	0.001, 0.01, 0.1, 1
mV	Calibration Points	up to 5 points
	mV Range	±1999.9 mV
	mV Accuracy	±0.2mV
	Resolution	0.1/1mV, Selectable
Temperature	Calibration points	1 point (Only for Relative mV mode)
	Temperature Range	0~105°C, 32~221°F
	Accuracy	±0.5°C,±0.9°F
	Resolution	0.1°C,
Others	Calibration Points	Ion / pH : Up to 5 Points
	pH Buffer Option	USA (pH1.68,4.01,7.00,10.01,12.45), NIST (pH1.68,4.01,6.86,9.18,12.45), DIN (pH1.09,4.65,6.79,9.23,12.7) OR User Define
	Memory	500 data sets with Date & Time
	Output	USB Communication interface.
	Connector	BNC
	Hold Function	Selectable
	Temp. Compensation	0~100°C,32~212°F
	Compensation Mode	Automatic or Manual
	Stability Conditions	Low or High, Selectable
	Calibration due Reminder	1 to 31 days or Off
	Power Supply	DC Adaptor, Using AC 220V,50/60Hz
	Packing Dimensions (LxWxH)	310 x 255 x 190mm
	Gross Weight	2kg

* Specifications are subject to change without notice.