

LMION40

CATALOGUE 2024-25



(5 Point - Calibration for pH & Ion)



E - Catalogue

Benchtop ION/pH/mV/°C Meter

LMION40

LMION40 is a high accuracy meter, used for measuring the ION concentration, ORP and pH values of liquids. The meter is 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 an operational guide to help you understand how to use the meter.
- ◆ Setup menu lets user customize buffer standards, calibration points, stability conditions, resolution, measurement units, date and time to meet measurement requirements.
- ◆ Reset function can resume all settings to factory default values.
- ◆ Built-in real-time clock stamps stored data to meet GLP standards.

STANDARD ACCESSORIES : Main Instrument, pH Electrode, pH Buffer, Electrode Stand, ATC, USB Adaptor, Test Certificate.

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**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)
	Calibration Points	up to 5 points
Ion	Ion Concentration Range	0.001~19999 ppm,mg/L,mo/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
	Calibration Points	up to 5 points
mV	mV Range	±1999.9 mV
	mV Accuracy	±0.2mV
	Resolution	0.1/1mV, Selectable
	Calibration points	1 point (Only for Relative mV mode)
Temperature	Temperature Range	0~105°C, 32~221°F
	Accuracy	±0.5°C,±0.9°F
	Resolution	0.1°C,
	Calibration Points	Ion / pH : Up to 5 Points
Others	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	Adaptor, Using AC 220V,50/60Hz
	Dimensions LxWxH (mm)	210 × 188 × 60
Weight	1.2kg	

★ Specifications are subject to change without notice.