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# ION / pH Meter, Euro

## Product Image



# Description

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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.

**STANDARD ACCESSORIES :** pH Electrode, pH Buffer, Temperature Probe, Electrode Stand, Power Adaptor Instruction Manual.

SPECIFICATIONS	Model		LMION40
	pH		
		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	0~19999 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
		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,
	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
		Function	Selectable
		Temperature 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 5V adapters, using AC 220V / 50Hz,
		Dimensions LxWxH (mm)	210 × 188 × 60
		Weight	1.2kg

## Disclaimer

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The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.