

LMMP30

CATALOGUE 2024-25



(5 Point - Calibration for pH & Conductivity)

Mode
pH
ORP
Conductivity
TDS
Salinity
Resistivity
°C



E - Catalogue

Water Quality Multiparameter LMMP30

pH MODE: Up to 5 points push-button calibration with auto-buffer recognition. Selectable pH buffer standards, (USA, DIN, NIST, User-defined) resolution (0.1, 0.01, 0.001pH)temperature units (°C or °F) Automatically calculates and displays electrode slope that helps you decide whether to replace pH electrode. Calibration due reminder prompts you to calibrate the meter regularly.

ORP MODE: Absolute or Relative mV measurements provides accurate ORP measured value .1 point offset calibration allows user adjusts displayed value to a known standard.

CONDUCTIVITY/TDS/SALINITY/RESISTIVITY MODE: Up to 5-point push-button calibration allows user to uses customized calibration solutions. Default 10uS, 84uS, 1413uS, 12.88mS and 111.8mS)Adjustable TDS conversion factors, cell constants, temperature coefficients and normalization temperature. (20°C or 25°C)Allows user selects linear or pure water temperature compensation modes. In salinity measurement modes, selectable practical salinity (PSU) or seawater measurement standards. (ppt)

SALIENT FEATURES

- ◆ Selectable either temperature units between degrees Celsius (°C) and degrees Fahrenheit (°F)
- ◆ Automatic Temperature Compensation (ATC) ensures high accuracy of measurements
- ◆ Automatic endpoint function freezes the stable measured values for easy reading and recording data.
- ◆ Help message as a operational guide to helps you understand how to use meter.
- ◆ Setup menu lets user customize the calibration points. stability conditions of measurement. temp. units and date/time to meet personal preference.
- ◆ Reset function allows user to returns all setting to the factory default values.
- ◆ Expanded memory stores and recalls upto 500 readings.
- ◆ Built-in real-time clock stamps stored data to meets GLP standards.

STANDARD ACCESSORIES : Main Instrument, pH Electrode, pH Buffer - (4.01, 7.00pH), Conductivity Cell 1K, Calibration Solution, Electrode Stand, ATC, USB Adaptor, Test Certificate

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Multiparameter

HSN Code : 90275090

SPECIFICATIONS		Model	LMMP30
pH Range	pH Range		-2.000~20.000pH
	Resolution		0.001, 0.01, 0.1pH, Selectable
	Accuracy		±0.002pH
	Calibration Points		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 (pH1.09,4.65,6.79,9.23,12.75)
ORP	ORP (mV) Range / Calibration		0 ~ ±1999.9mV / 1 point
	Resolution		0.1, /1mV, Selectable
	Accuracy		±0.2mV
	Measuring Mode		Absolute mV or Relative mV
Conductivity	Conductivity Range		0~200mS/cm
	Resolution		0.01 / 0.1 / 1
	Accuracy		±0.5% Full Scale
	Cell Constant		0.1 / 1 / 10 / User defined
	Temperature Coefficient		0.0~10.0% per °C
	Calibration Points		Up to 5 points
	Calibration Solutions		10uS/cm, 84uS/cm, 1413uS/cm, 12.88mS/cm, 111.8mS/cm
Compensation Modes		Linear or Pure Water	
TDS	TDS Range		0~10ppt (Max.200 ppt, Depending on factor setting)
	Resolution		0.01 / 0.1 / 1
	Accuracy		±1% Full Scale
	TDS Factor		0.0 ~1.0
Salinity	Salinity Range		0~80ppt
	Resolution		0.01 / 0.1 / 1
	Accuracy		±1% Full Scale
Measurement Mode		Practical Salinity (PSU) or Seawater Measurement Standard (ppt)	
Resistivity	Resistivity Range		0~100MΩ
	Resolution		1 / 0.1 / 0.01
	Accuracy		±1% Full Scale
Temperature	Temp. Range		0~100°C, / 32~212°F
	Temp. Compensation		Automatic or Manual
	Temp. Accuracy		±0.5°C, ±0.9°F
Auto-Off Function		10 / 20 / 30 minutes after last key pressed	
Reset & Auto Hold Function		Yes	
Electrode Diagnosis		Slope, Offset	
Stability Conditions		High or Low, Selectable	
Calibration due reminder		1 to 30 days, Selectable	
Memory		500 data sets with Date/Time	
Connector		(pH) BNC 6-pin connector - (Conductivity)	
Dimensions (LxWxH)& Weight		210 × 188 × 60 mm & 1.2kg	

★ Specifications are subject to change without notice.