



# Catalogue

**LMMP32**

**Water Quality Multiparameter**



**2024-25**

**LMMP32**

CATALOGUE 2024-25



NEW (9 in 1)

Mode  
Ion  
DO  
Conductivity  
pH  
ORP  
TDS  
Salinity  
Resistivity  
°C



E - Catalogue

## Water Quality Multiparameter LMMP32

**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.

**ION/CONDUCTIVITY/TDS/SALINITY/RESISTIVITY/DO MODE:** Customized calibration solutions Default 10μS, 84μS, 1413μS, 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.

### Optional Accessories

Fluoride ISE  
Nitrate ISE  
ORP Electrode  
DO Electrode

**STANDARD ACCESSORIES :** Main Instrument, pH Electrode, pH Buffer - (4.01, 7.00, 10.01pH), Conductivity Cell 1K, Calibration Solution, Electrode Stand, ATC, USB Adaptor, Instruction Manual, Test Certificate.

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# Multiparameter

HSN Code : 90275090

SPECIFICATIONS	<b>Model</b>	<b>LMMP32</b>
	<b>pH Range</b>	-2.000~20.000pH
	Resolution & Accuracy	0.001, 0.01, 0.1pH, Selectable & $\pm 0.002$ pH
	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)
	<b>ORP (mV) Range / Calibration</b>	0 ~ $\pm 1999.9$ mV/ 1 point
	Resolution & Accuracy	0.1, /1mV, Selectable & $\pm 0.2$ mV
	<b>Ion Range</b>	0.00 to 19999 (depending on the range of ISE)
	Resolution & Accuracy	0.001, 0.01, 0.1, 1, automatic & $\pm 0.5\%$ , $\pm 1\%$ Full Scale
	Measuring Mode	Absolute mV or Relative mV
	<b>Conductivity Range</b>	0~200mS/cm
	Resolution & Accuracy	0.01 / 0.1/ 1 $\pm 0.5\%$ 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
	<b>TDS Range</b>	0~10ppt ( Max.200 ppt, Depending on factor setting )
	Resolution & Accuracy	0.01 / 0.1 / 1 & $\pm 1\%$ Full Scale
	TDS Factor	0.0 ~1.0
	<b>Salinity Range</b>	0~80ppt
	Resolution & Accuracy	0.01 / 0.1 / 1 & $\pm 1\%$ Full Scale
	Measurement Mode	Practical Salinity (PSU) or Seawater Measurement Standard (ppt)
	<b>Resistivity Range</b>	0~100M $\Omega$
	Resolution & Accuracy	1 / 0.1 / 0.01 & $\pm 1\%$ Full Scale
	<b>DO Range</b>	0.00 to 20.00 mg/l / 0.0 to 200.0 % saturation
	Resolution & Accuracy	0.01 / 0.1, selectable & $\pm 0.2$ mg/l / $\pm 2.0\%$
	Calibration	1 or 2 points
	Pressure Correction	60.0 to 112.5 kPa / 450 to 850 mmHg, manual
	<b>Temp. Range</b>	0~100°C, / 32~212°F
	Temp. Compensation	Automatic or Manual
	Temp. Accuracy	$\pm 0.5^\circ\text{C}$ , $\pm 0.9^\circ\text{F}$
	Auto-Off Function	Yes
	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.

# LABMAN PRODUCTS

Laboratory & Scientific Instruments



				
Total Organic Carbon Analyzer	Microwave Digestion System	COD Analyzer with Digestor	BOD Analyzer with CFR	Bio Chemistry Analyzer
				
Touch Screen Digital Polarimeter with CFR	Touch Screen Digital Refractometer with CFR	Touch Screen ABBE Refractometer	Double / Single Beam UV-Vis.Spectrophotometer	Double Beam UV-Vis.Spectrophotometer
				
Single Beam UV-Vis.Spectrophotometer	Visible Spectrophotometer	Peltier / Sipper System	Gradient Thermal Cycler PCR	Visual Colorimeter
				
Ice Flaker - Touchscreen	Refrigerated Circulating Bath	Refrigerated Circulating Bath	Industrial Ultrasonic Cleaner	Degas - Function Ultrasonic Cleaner
				
Probe Sonicator with Remote	Ceramic Hotplate Magnetic Stirrer	Hotplate Magnetic Stirrer	Digital Viscometer	Low Viscosity Adaptor
				
Dry Bath Incubator	Vortex Mixer	Digital Water Bath	pH meter with Printer	pH/Cond./Multipara./Ion/DO Meter
				
Turbidity Meter	Online pH/Conductivity Controller	Nitrate / Fluoride - ISE	Conductivity Cell	Probe for Probe Sonicator