

LMMP30

CATALOGUE 2024-25



(5 Point - Calibration for pH & Conductivity)

Mode
pH
ORP
Conductivity
TDS
Salinity
Resistivity
°C



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

| 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 |
| Salinity | TDS Factor | 0.0 ~1.0 |
| | Salinity Range | 0~80ppt |
| | Resolution | 0.01 / 0.1 / 1 |
| Resistivity | Accuracy | ±1% Full Scale |
| | Measurement Mode | Practical Salinity (PSU) or Seawater Measurement Standard (ppt) |
| | Resistivity Range | 0~100MΩ |
| Temperature | Resolution | 1 / 0.1 / 0.01 |
| | Accuracy | ±1% Full Scale |
| | Temp. Range | 0~100°C, / 32~212°F |
| General Specific. | Temp. Compensation | Automatic or Manual |
| | Temp. Accuracy | ±0.5°C, ±0.9°F |
| | Auto-Off Function | 10 / 20 / 30 minutes after last key pressed |
| General Specific. | 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.