



Analytical Balance & Scientific Instruments



pH/ORP/Conductivity/TDS/Salinity/Resistivity/°C



Multiparameter Water Quality Meter

LABMAN LMMP-30 water quality meter is designed for high performance and easy operation. The meter is capable of measuring up to 7 water quality parameters, including pH, ORP Conductivity, TDS, Salinity, Resistivity, and temperature,

MULTI-POINT PUSH-BUTTON CALIBRATION

The meter has multi-point calibration mode. From setup menu, choose calibration and immerse electrode into indicated calibration solution, press ENTER key and meter is automatically calibrated.

AUTO-BUFFER RECOGNITION

During calibration, if the calibration solution or selected value does not match the meter's indicated value, an ERROR message is displayed.

VIEWING OF ELECTRODE SLOPE

After calibration, the percentage slope of the electrode is displayed before the meter returns to measurement mode. Per the slope value, user decides whether to change the electrode.

AUTOMATIC TEMPERATURE COMPENSATION : By using temperature probe

AUTO-RANGING FOR CONDUCTIVITY

The meter has auto-range functions for measuring conductivity and total dissolved solids (TDS). Upon immersing conductivity sensor into sample solution, the screen immediately displays the value in appropriate measurement range for accuracy,

ADJUSTABLE TEMPERATURE COEFFICIENT

Various ions in solution have different temperature coefficients. LABMAN-LMMP30. can set the temperature coefficient between 0 and 3.9% in degrees centigrade for optimum accuracy.

ADJUSTABLE CELL CONSTANT

The meter has three cell constants for measuring requirements. Once a cell constant has its calibration set, it is saved and does not require re-calibration when switching meter.

MESSAGE INDICATOR

LABMAN-LMMP30 displays helpful messages like an on-screen manual for easy operation of this meter and selection of the various options.

SAVE AND COMMUNICATION INTERFACE

The meter all has real-time date/clock stamps. The memory stores up to 99 discrete data sets. Press the SAVE key to store the current measured values and it automatically generates a serial number with the date and time. This data can then be sent to a computer via the USB port



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SPECIFICATIONS

Model	LMMP-30
Make	LABMAN
pH Range	-2.000 to 16.000pH
pH Resolution	±0.001pH
pH Accuracy	±0.002pH
Calibration Points	2 points, NIST(pH4.00/6.86/9.18) or USA(pH4.01/7.00/10.01]
mV/ORP Range	0 to ±1999.9mV
mV/ORP Accuracy	±0.2mV
Temperature Compensation	0.0 to 100.0°C, Manual or Automatic
Conductivity Range	0 to 1.999, 19.99, 199.9, 1999 μ S, 19.99, 200.0mS
Conductivity Accuracy	± 0.5% F.S
Calibration Points	1 point per range
Temperature Compensation	0 to 50°C, Manual or Automatic
Temperature Coefficient	0 to 3.9% per°C
Cell Constant	0.1, 1.0, 10 adjustable
TDS Range	0 to 100 ppt, Max.200 ppt
TDS Accuracy	±1% F.S
TDS Conversion Factor	0.01 to 1.00, Default 0.67
Salinity Range	0 to 50 ppt, 0.00 to 5.00%
Accuracy	±0.5ppt, ±0.05%
Resistivity Range and Accuracy	0 to 100M, ± 1%F.S
Temperature Range	0.0 to 100.0°C,
Temperature Accuracy	±0.3°C,
Memory & Output	99 data sets with date/ time stamping, USB
Power supply	DC 9 V, using AC Adapter 220 VAC, 50 Hz
Weight	1.75 kg

METER INCLUDES : pH Electrode, Conductivity cell (1.0), pH buffers, temperature probe, Electrode Stand, Power Adaptor & Instruction Manual.