



## Analytical Balance & Scientific Instruments



**Benchtop Conductivity /°C Meter (Microprocessor)**

### SALIENT FEATURES

LMCM conductivity meters includes measurement of conductivity temperature in liquids

#### AUTOMATIC CALIBRATION

The meter is capable of calibrating up to 5 points using standard solution. From Setup Menu, choose CAL (Calibration) and press key to set known conductivity value, immerse conductivity electrode into calibration solution, press ENTER key and meter is automatically calibrated.

#### CONDUCTIVITY AUTO-RANGING

LMCM Series have auto-range function for measuring conductivity. Upon immersing conductivity sensor into sample solution, the screen immediately displays the value in appropriate measurement range for accuracy.

#### AUTOMATIC TEMPERATURE COMPENSATION

Using the supplied temperature probe, the temperature value is displayed on the screen. The meter automatically compensates for optimum accuracy under variable temperature conditions.

#### ADJUSTABLE TEMPERATURE COEFFICIENT AND CELL CONSTANT

Various Ions may have different temperature coefficients. The meters can set the temperature coefficient between 0 and 3.9% in degrees centigrade for optimum accuracy, set three cell constants(0.1,1 and 10) for measuring requirements

### SPECIFICATIONS

Model	LMCM-20
Make	LABMAN
Conductivity Range	0.00 to 1.999,19.99,199.9,1999 $\mu$ S, 19.99, 200.0 mS
Conductivity Accuracy	$\pm 1\%$ F.S
Temperature Range	0 to 100°C
Temperature Accuracy	$\pm 1^\circ$ C
Temperature Coefficient	0 to 3.9% per °C
Calibration Points	1 point per range
Calibration Solution	10 to 17 $\mu$ S, 100 to 170 $\mu$ S, 1000 to 1700 $\mu$ S, 10 to 17 mS
Cell Constant	0.1, 1.0, 10 adjustable
Temperature Compensation	0 to 50°C, Manual or Automatic
Power Supply	DC 9V, using AC Adapter 220VAC, 50Hz
Dimensions LxWxH (mm)	210 X 205 X 65
Weight	1.75 kg

METER INCLUDES : Conductivity cell( K=1),TemperatureProbe (ForLMCM-20), Electrode Holder Arm, 9VAC Adaptor & Instruction Manual.