

RDBL- CM20 CONDUCTIVITY METER



FEATURES:

- ❖ RDBLCM 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**
RDBLCM 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.

SPECIFICATION:

Conductivity Range	0.00 to 1.999,19.99,199.9,1999 μs, 19.99, 200.0 ms
Conductivity Accuracy	±1% F.S
Temperature Range	0 to100 C
Temperature Accuracy	+1 C
Temperature Coefficient	0 to 3.9% per °C
Calibration Points	1 point per range 10 to 17μS, 100 to
Calibration Solution	170μs, 1000 to 1700μS, 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