

# Precision Conductivity/TDS/Salinity/Temp Meter RCB100



**This portable precision Conductivity/TDS/Salinity/Temp meter is used to measure with high performance at an economic cost.**

**It is ideal for routine use in laboratories, production plants and student experiments in school.**

## Main Features

- Microprocessor-based meter, high accuracy, good repetition
- Self-diagnostic for easy trouble-shooting
- Meter factory reset function: users can use this function to reset the meter to the factory default and data log for convenient operation
- Auto- ranging capabilities and auto standard solution recognition
- Automatic temperature compensation
- 3 cell constant (0.1, 1.0, 10.0) can be chosen for different range measurement
- Stability and average function for optimized results
- Auto-off conserves energy and lengthens battery lifespan (Portable Meter)
- Low battery indicator: when battery icon lights up, battery power is low. Replace batteries with fresh ones as soon as possible
- Store and output data function: the meter can store up to 500 sets data. Data can be sent to computer via USB

## Specification

Cond Range	0-19.99 $\mu$ S/cm / 20.00-199.9 $\mu$ S/cm / 200.0-1999 $\mu$ S/cm / <b>2.00-19.99mS/cm</b> 20.00-199.9mS/cm
Cond Accuracy	1% FS
Cond Calibration Point	3 Points
TDS Range	0.000-9.999mg/l / 10.00-99.99mg/l / 100.0-999.9mg/l / 1000-9999mg/l
Salinity Range	0.0 – 80.0 ppt
Salinity Resolution	0.1 ppt
Temperature Range	0.0-99.99 °C / 32-212 °F
Temperature Resolution	0.1 °C / 0.1°F
Temperature Accuracy	±0.5 °C / ±0.9 °F
Temperature Compensation	0.0-60.0 °C ,Manual/Auto
Temperature Coefficient	0.0 – 3.0 %
Cell Constant	0.1 – 1.0 – 10
Memory	500 Sets
Ambient Temperature	5-45 °C
Display	<b>Meter shuts off automatically 15 minutes after last key is pressed</b>
Input	BNC, $\Phi$ 3.5mm Sockets
Output	USB
Power	<b>4 X1.5V "AAA" alkaline battery</b>



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