

Microprocessor Benchtop Conductivity/ Resistivity Meter

SC-2300



Features:

- ◆ Auto self-test function, error code indication
- ◆ Large LCD display with backlight function
- ◆ Salinity and TDS correction function
- ◆ Temp. compensation: non-Linear compensation for resistivity or pure water measurement,
- ◆ Linear compensation for conductivity measurement
- ◆ Calibration can be set for cell constant manually or up to 5-point automatic recognition of standard solutions
- ◆ Temperature compensation with PT-1000 or NTC probe auto recognition
- ◆ Auto-Read function
- ◆ Gradually continuous sample measurements average function to enhance stability
- ◆ Auto save the measurement with programmable time interval setting, min. 5 seconds
- ◆ Data-logger with memory for 450 data sets
- ◆ Built-in real time clock for data logger
- ◆ RS-232 interface for print or saved data transfer or time-interval measurement output



Portable Conductivity/Resistivity Meter

SC-2300

Specifications:

Model		SC-2300
Measuring mode		Conductivity, Resistivity, Salinity, TDS, Temperature
Measuring range	Conductivity	0.00 μ S/cm~200.0mS/cm in 5 range for auto switch or manual switch
	Resistivity	0.00~100.00M Ω -cm
	Salinity	0.0~70.0ppt
	TDS	0~2000ppm
	Temperature	-10°C~110°C
Resolution & Accuracy	Conductivity	0.01 μ S/cm, \pm 0.5% (\pm 1digit)
	Resistivity	0.01M Ω -cm, \pm 1% (\pm 1digit)
	Salinity	0.1 ppt, \pm 0.5% (\pm 1digit)
	TDS	1 ppm, \pm 0.5% (\pm 1digit)
	Temperature	0.1°C, \pm 0.2 °C (\pm 1digit)
Temperature Compensation		Automatic with PT-1000 or NTC 30K or manual adjustment
Temperature Coefficient		Non-Linear / 0.00~20.00% Linear
Reference Temperature		Tref 25°C
Manual Calibration		Single point of known or cell constant calibration
Standard solution Calibration		Single or up to 5 points known standard solution calibration; default 5 standard solutions: 10 / 84 / 1413 μ S/cm & 12.88 / 100 mS/cm adjustable
Display		3/4" Back-lit LCD display
RS-232 interface		Single way transfer the data to a computer or a printer
		Dual way by Modbus protocol
Data storage		Auto / Manual, 450 sets (measurement, temp., time, date, ID, number)
Signal output		Yes
Power Supply		4 x AA Batteries 6V DC Adaptor (100~240 VAC, 50/60 Hz)
Battery Life		Around 100~500 hours according to measuring range and backlight
Dimensions		220mm x 190mm x 70mm (L x W x H)
Weight		0.8kg

*The specifications and appearance of the instrument are subject to change without notice.

Optional accessories:

- 4-electrode conductivity probe
- Resistivity probe C=0.01
- Resistivity probe C=0.05
- Connection cable 1.2M / 3M
- Flexible electrode holder
- RS-232 connection cable
- Flow Chamber



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