

LABORATORY CONDUCTIVITY / SALINITY METER CC-511

- **CC-511** measures conductivity, salinity and temperature.
- Large, easy to read display enables simultaneous readout of the measured function and temperature.
- Measures conductivity in distilled water and other liquids up to 1000 mS/cm.
- 5 sub ranges switched automatically (autorange).
- Salinity measurement converted to NaCl up to 250 g/l or KCl up to 200 g/l.
- Converts conductivity into salinity according to real curve and not a constant coefficient.
- Determines estimated value of the total dissolved solids (TDS).
- Calibration, by entering the constant K of cell in range $0.010 \div 19.999 \text{ cm}^{-1}$ or determining it with use of a standard solution.
- Automatic temperature compensation.
- Constant α temperature coefficient – $2 \text{ }^{\circ}\text{C}$.
- Possibility of entering the reference temperature value.
- Warranty for the meter: 24 months.
- Possibility of using following conductivity cells:
EC-60 - glass with platinum electrodes, range: $0 \text{ } \mu\text{S/cm} \div 100 \text{ mS/cm}$. ($k=1,0 \text{ cm}^{-1}$) – standard in set
EC-70 - plastic with steel electrodes, range: $0 \text{ } \mu\text{S/cm} \div 100 \text{ mS/cm}$. ($k=1,0 \text{ cm}^{-1}$)
CD-210 - glass with platinum electrodes, range: $1 \text{ mS/cm} \div 800 \text{ mS/cm}$. ($k=10 \text{ cm}^{-1}$).



TECHNICAL DATA

Function	Conductivity	Salinity	Temperature
Range	$0 \div 1000 \text{ mS/cm}$, autorange	NaCl $0 \div 250 \text{ g/l}$ KCl $0 \div 200 \text{ g/l}$	$-50.0 \div 199.9 \text{ }^{\circ}\text{C}$
Accuracy (± 1 digit)	$\pm 0.25 \text{ }^{\circ}\text{C}$		$\pm 0.1 \text{ }^{\circ}\text{C}^*$
Temperature compensation	$-5 \div 70 \text{ }^{\circ}\text{C}$	$-5 \div 70 \text{ }^{\circ}\text{C}$	
Power	Power adapter 12 V		
Temperature sensor	Pt-1000		
Dimensions (mm), weight (g)	L = 200; W = 180; H = 20/50 / 600g		

* Accuracy of the meter. To determine the measurement accuracy, the meter's and probe's error need to be considered.

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