

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 %/ $^{\circ}\text{C}$.
 - Possibility of entering the reference temperature value.
 - Warranty for the meter: 24 months.
 - Possibility of using following conductivity cells:
- ECF-1** - PVC with metal electrodes, range: $0 \mu\text{S}/\text{cm} \div 500 \text{ mS}/\text{cm}$. ($k=0.45 \text{ cm}^{-1}$) – standard in set
- CD-210** - glass with platinum electrodes, range: $1 \text{ mS}/\text{cm} \div 800 \text{ mS}/\text{cm}$. ($k=10 \text{ cm}^{-1}$).



TECHNICAL DATA

Function	Conductivity	Salinity	Temperature
Range	$0 \div 1000 \text{ mS}/\text{cm}$, 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)	±0.25 %;		±0.1 $^{\circ}\text{C}$ *
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)	$L = 200; W = 180; H = 20/50 / 600\text{g}$		

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