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 ÷ 19.999 cm^{-1} or determining it with use of a standard solution.
- Automatic temperature compensation.
- Constant α temperature coefficient – 2 %/ºC.
- 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 µS/cm ÷ 100 mS/cm. (k=1,0 cm^{-1}) – standard in set
EC-70 - plastic with steel electrodes, range: 0 µS/cm ÷ 100 mS/cm. (k=1,0 cm^{-1})
CD-210 - glass with platinum electrodes, range: 1 mS/cm ÷ 800 mS/cm. (k=10 cm^{-1}).

TECHNICAL DATA

Function	Conductivity	Salinity	Temperature
Range	0 ÷ 1000mS/cm, autorange	NaCl 0 ÷ 250 g/l KCl 0 ÷ 200 g/l	-50.0 ÷199.9 ºC
Accuracy (± 1 digit)	±0.25 %;		±0.1 ºC*
Temperature compensation	-5 ÷ 70 ºC	-5 ÷ 70 ºC	
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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