CC-411 WATERPROOF CONDUCTIVITY / SALINITY METER

- **CC-411** measures conductivity, salinity and temperature.
- To be used in the field and laboratory.
- The display enables simultaneous readout of the measured function and temperature.
- Low weight and small dimensions facilitate working in the field.
- Waterproof housing (IP-66) facilitates working in hard conditions.
- Measures conductivity in distilled water and liquid up to 100 mS/cm.
- 5 sub ranges switched automatically (autorange).
- Measures salinity with conversion to NaCl up to 60 g/l.
- Converts conductivity into salinity according to actual proportion and not a constant coefficient.
- Determines estimated value of the total dissolved solids (TDS).
- Calibration proceeds by entering the K constant or determining it with use of a standard solution.
- Automatic temperature compensation.
- Constant α temperature coefficient – 2 %/ºC.
- The reference temperature is 25ºC or 20ºC for measurements in honey.
- Possibility to make measurements of electric admittance of tree seedlings (determining the vitality of seedlings with a special sensor).
- Choose among three conductivity cells:

EC-60 glass with platinum electrodes
range: 1 µS/cm ÷ 100 mS/cm. (k=1,0 cm^{-1})
EC-70 plastic with steel electrodes
range: 1 µS/cm ÷ 100 mS/cm. (k=1,0 cm^{-1})
CD-201 glass with platinum electrodes
range: 0 ÷ 200 µS/cm (k=0,1 cm^{-1})

- Powered by battery (9V) or 12V power adapter.
- Automatic switch-off function saves the battery and protects from discharging.
- Warranty for the meter: 24 months.

Technical data

Function	Conductivity	Salinity	Temperature
Range	0 ÷ 100 mS/cm, autorange	NaCl 0 ÷ 60 g/l	-50.0 ÷199.9 ºC
Accuracy (± 1 digit)	±0.25 %;		±0.1 ºC*
Temperature compensation	-5 ÷ 70 ºC	-5 ÷ 70 ºC	
Power supply	9V battery, 12V power adapter		
Temperature sensor	Pt-1000		
Dimensions (mm)	L = 149; W = 82; H = 22		
Weight	220 g		

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

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