WATERPROOF POCKETSIZE CONDUCTIVITY / SALINITY METER CC-105

Enables measurements of conductivity, salinity and temperature.

- Pocketsize, fully waterproof (IP-67), good technical parameters.
- Designed for field work. For precise measurements and work in laboratory we recommend our meters with wider range, higher accuracy and variable α coefficient (**CC-401**, **CC-505**).
- 5 subranges switched automatically.
- Relatively wide measuring range enables measurements in liquids with conductivity up to 100 mS/cm and salinity up to 60 g/l converted to NaCl.
- May be used for salinity of soil-in-water extracts.
- Conductivity is converted to salinity according to the real dependence, instead of a constant coefficient.
- Reference temperature 25°C or 20°C – for measurements made in honey.
- The α coefficient = 2%/°C (no possibility of changing).
- Steel electrodes enable measurements of liquids with deposits and oils. Easy cleaning.
- Automatic temperature compensation in range 0 ÷ 50 °C.
- Calibration of the conductivity cell by entering the constant K or in standard solution.
- Automatic switch-off function protects the battery against discharging.
- Warranty: 24 months.



TECHNICAL DATA

Function	Conductivity	Salinity	Temperature
Range	0 ÷ 100.0 mS/cm, autorange - 5 subranges	NaCl 0 ÷ 60 g/l	-20.0 ÷ 70.0 ºC
Accuracy (± 1 digit)	up to 10 mS/cm ±1 %, 10 ÷ 50 mS/cm ±2 %, above 50 mS/cm ±5 %	up to 5 g /l ±1,5 %, 5 ÷ 25 g /l ±2.5 %, above 25 g/l ±5 %	±0.8 ºC with probe
Temperature compensation	0 ÷ 50 ºC	0 ÷ 50 ºC	-
α coefficient	constant 2% / ºC	constant 2% / ºC	-
Temperature probe	Pt-1000B		
Power supply	3 x 1.5 V batteries (LR44)		
Dimensions (mm) / weight	L = 160, ϕ = 26 / 60g		
Electrodes	steel		

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