

## WATERPROOF POCKETSIZE CONDUCTIVITY / SALINITY METER CC-105

- **CC-105** enables measurements of conductivity, salinity in g/l and temperature.
- Designed for field work.
- Fully waterproof (IP-67).
- The head can be replaced.

### Conductivity measurement function:

- 5 ranges switched automatically.
- Wide measuring range enables measurements in liquids with conductivity up to 100 mS/cm and salinity up to 60 g/l converted to NaCl.
- Converting conductivity to salinity is done according to the real dependence, instead of a constant coefficient.
- Reference temperature 25°C (for measurements made in honey - 20°C).
- The  $\alpha$  coefficient = 2%/°C.
- Steel electrodes enable measurements of liquids with deposits and oils.
- Automatic temperature compensation in range 0 ÷ 50 °C.
- Calibration of the conductivity cell by entering the constant K or in standard solutions.
- Automatic switch-off function protects the batteries against discharging.
- Warranty: 24 months.



Function	Range	Accuracy	Input impedance	Temp. Compens	Coef. $\alpha$	Weight/ power	Dimensions mm
<b>Conductivity</b>	0.0 ÷ 100 mS/cm (Autorange)	to 50 mS/cm = 1% above 50 mS/cm = 5 %	-	0 ÷ 50 °C	2 %/°C	65 g / batteries 3x LR44	L=160 $\phi$ = 26
<b>Salinity converted to NaCl</b>	0 – 60 g/l	Up to 5g/l: $\pm 1,5\%$ Up to 25g/l: $\pm 2,5\%$ above 25 g/l: $\pm 5\%$	-	0 ÷ 50 °C			
<b>Temperature</b>	-20 ÷ 70 °C	$\pm 0,8$ °C, at 25 °C: $\pm 0.4$ °C ( $\pm 1$ digit)					

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