

WATERPROOF CONDUCTIVITY / SALINITY METER CC-401,

- Are used for highly accurate conductivity, salinity, TDS and temperature measurements.
- Meters are equipped with large easy-to-read backlight LCD display with brightness control.
- Used for work in the field and long-lasting measurements in the laboratory.
- Waterproof housing makes working in difficult conditions easier.
- Low weight and size make working in the field easier.
- The wide measuring range enables measurements both of ultra pure water and very high conductivity samples.
- 6 sub-ranges switched automatically.
- Co-operates with cells equipped with platinum electrodes.
- Calibration by introducing the constant K in range $0.01 \div 19.999$ or in buffer solution.
- Storing in the memory 3 constant K of the Cells which cover whole conductivity range.
- Wide range of α coefficient $0 \div 10\% / ^\circ\text{C}$, chosen depending on the kind of measured liquid.
- Possibility of changing the reference temperature.
- Counting the salinity in NaCl or KCl on the basis of real characteristics, what greatly increases the accuracy.
- Possibility of defining the TDS by introducing the TDS coefficient in range $0.2 \div 1.0$.
- Automatic or manual Temperature Compensation.
- Possibility of electric admittance measurement of tree seedlings – checking the vitality of seedlings after purchasing special sensor.
- Internal clock with date.
- Internal datalogger - storing up to 950 measurements taken as single or series with time, temperature and date.
- RS-232 output for connecting with a PC or by USB adapter (option).
- Powered with rechargeable batteries or power adapter – internal charging of the batteries.
- 24 months warranty for the meter 12 for cells and probes.
- The meters meets the **GLP** requirements.
- The conductivity meter **CC-401** was awarded with a golden medal on international fairs **EUROLAB**.



Function	Conductivity	Temperature
Range	0 ÷ 2000 mS/cm, autorange 0 ÷ 200 g/l KCl 0 ÷ 250 g/l NaCl	-50.0 ÷ 199.9 °C
Accuracy (± 1 digit)	0.1%; > 20 mS/cm: 0.25%	±0.1 °C + probe error*
Temp. compens.	-5 ÷ 70 °C	-
K constant range	0.01 ÷ 19.999 cm ⁻¹	-
α coeff. range	0.00 ÷ 10.00 %/°C	-
TDS coeff. range	0.20 ÷ 1.00	-
Temp. probe	Pt-1000 standard or accurate	
Dimensions (mm)	L = 149; W = 82; H = 22	
Weight	220 g	

- The total error of the temperature measurement depends on the kind of used probe

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