

## WATERPROOF CONDUCTIVITY / SALINITY METER CC-401 pH / CONDUCTIVITY / SALINITY METER CPC-401



- Are used for highly accurate conductivity, salinity, TDS and temperature measurements.
- **CPC-401** additionally measures pH and ORP (mV).
- Two kinds of power sources 9V battery or 12V power adapter enable work in the field and long-lasting measurements in the laboratory.
- The whole measuring range enables measurements both of ultra pure water and salines.
- Calibration by introducing the constant K in range  $0.01 \div 19.999 \text{ cm}^{-1}$  or in buffer solution.
- Storing of 3 const. K of the Cells which cover whole range and 3 pH electrodes characteristics (CPC).
- Wide range of  $\alpha$  coefficient  $0 \div 10\% / ^\circ\text{C}$ .
- Counting the salinity on the basis of real characteristics, what greatly increases the accuracy.
- Possibility of counting the TDS by introducing the TDS coefficient in range  $0.2 \div 1.0$ .
- The characteristic features of pH function in **CPC-401** identical like in **CP-401** pH meter.
- Automatic or manual Temperature Compensation.
- Possibility of electric admittance measurement of tree scions (after purchasing special sensor)
- Both models have internal clock with date.
- Internal datalogger enables storing of 200 measurements taken as single or series with time, temperature and date.
- RS-232 output for connecting with a PC by or with a standard printer by special interface.
- 24 months warranty for the meter 12 for electrodes.
- The conductivity meter **CC-401** was awarded with a golden medal on international fairs **EUROLAB 2001**.

Function	Conductivity	Temperature	pH, mV (CPC)
<b>Range</b>	$0 \div 2000 \text{ mS/cm}$ autorange	$-50 \div 199.9 \text{ }^\circ\text{C}$	$-2 \div 16 \text{ pH}$ $\pm 1000 \text{ mV}$
<b>Accuracy (<math>\pm 1</math> digit)</b>	0.1 % $>20 \text{ mS/cm}$ 0.25 %	$\pm 0.1 \text{ }^\circ\text{C}$ + probe error*	$\pm 0.002 \text{ pH}$ $\pm 0.1 \text{ mV}$
<b>Temp. compensation</b>	$-5 \div 70 \text{ }^\circ\text{C}$	-	$-5 \div 110.0 \text{ }^\circ\text{C}$
<b>K constant range</b>	$0.01 \div 19.999$ $\text{cm}^{-1}$	-	-
<b>Input impedance</b>	-	-	$10^{12} \Omega$

<b>Temp. probe</b>	Pt-1000 standard or accurate
<b>Dimensions (mm)</b>	L = 149, W = 82, H = 22
<b>Weight</b>	CC-401 220 g      CPC-401 229 g

\* The total error of the temperature measurement depends on the kind of used probe.