

LABORATORY CONDUCTIVITY / SALINITY METER CC-505

- Laboratory meter in benchtop housing, powered by 12V power adapter.
- The meter is equipped with a large easy-to-read backlight LCD display with brightness control.
- Measures conductivity, salinity and temperature.
- Thanks to a wide conductivity measuring range it may be used for both ultra pure water and very salty solutions.
- 6 subranges switched automatically.
- Possibility of changing the reference temperature.
- Calibration by entering the constant K in range 0.01÷19.999 or in sample solutions.
- Works with conductivity cells equipped with platinum electrodes.
- Storing of 3 constant K of cells which cover the whole measuring range.
- Wide range of α coefficient (0÷10% / °C) chosen depending on the kind of measured solution.
- Calculating the salinity in NaCl or KCl according to real characteristics, what greatly increases the accuracy.
- Possibility of determining the TDS on the basis of conductivity measurement by entering the right coefficient from 0.2 to 1.0.
- Memory of 3 conductivity cells characteristics makes changing them easy.
- Automatic or manual temperature compensation.
- Internal clock with date.
- Internal datalogger enables storing 950 measurements taken as series or single with temperature, time and date.
- USB output.
- The meters meets the **GLP** requirements.
- 24 months of warranty for the meter.



Picture of CPC-505, CC-505 identical just without pH and mV buttons.

Function	Conductivity	°C
Range	0 ÷ 1999.9 mS/cm, autorange	-50.0 ÷ 199.9
Accuracy (±1 digit)	0.1%; > 20 mS/cm 0.25%	± 0.1 °C*
Temp. compens.	-5 ÷ 70 °C	-
Constant K range	0.01 ÷ 19.999 cm ⁻¹	-
α Coefficient	0 ÷ 10% / °C	
Temp. sensor	Pt-1000 standard or accurate	
Dimensions (mm)	L = 200; W = 180; H = 20/50	
Weight	620 g	

* The total error of temperature measurement depends on the kind of used Pt-1000 probe

ELMETRON® Sp. j.

41-814 Zabrze ul. Witosa 10 POLAND tel. +48 32 / 2738106 fax +48 32 / 2738114
www.elmetron.pl e-mail: info@elmetron.com.pl