

## LABORATORY pH METER CP-511

- Accurate and easy in use laboratory meter used for pH, mV (redox potential) and temperature measurements.
- Large easy to read LCD display enables simultaneous readout of the measuring function and temperature value
- Calibration of the pH electrode: 1 ÷ 3 points.
- Automatic buffer detection 4.00; 7.00; 9.00 pH. (Optionally in moment of ordering 4.00; 7.00; 10.00 pH)
- Automatic temperature compensation.
- Depending on the kind of connected pH electrode may be used for measurements of clean water, waste water, meat, cheese, pastes, soil etc.
- Meter shows information about the pH electrode condition (readout of the buffer and slope values).
- Wide range of the temperature measurement (- 20 °C ÷ 199,9 °C)
- Equipped with separate stainless steel temperature sensor (Pt-1000B)..
- 24 months of warranty for the meter.



### TECHNICAL DATA

Function	pH	mV	°C
<b>Range</b>	-2 pH ÷ 16.00 pH	± 1999.9 mV	-50.0 ÷ 199.9 °C
<b>Resolution</b>	0.01pH	1 mV	0.1 °C
<b>Accuracy (± 1 digit)</b>	±0.01pH	±1 mV	±0.2 °C*
<b>Input impedance</b>	10 <sup>12</sup> Ω	10 <sup>12</sup> Ω	-
<b>Temp. Compensation range</b>	-5 ÷ 110.0 °C	-	-
<b>Power</b>	Stabilised power adapter 12 V 100mA		
<b>Dimensions (mm) / Weight</b>	L = 200; W = 180; H = 20/50 / 600g		

\* Accuracy of the meter. The total error is a sum of the applied probe error and the meter's error.

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