

## LABORATORY pH-METER CP-505

- Laboratory meter in benchtop housing, powered with 12V power adapter.
- Accurately measures: pH, Redox (mV) and temperature.
- Meter is equipped with large, easy-to-read backlight LCD display with brightness control.
- Depending on the kind of used electrode it may be used for clean water, sewage, soil measurements etc.
- Calibration: 1÷5 points.
- Automatic buffers detection, their value may be changed by the user.
- Automatic correction of the temperature influence on sample solution (NIST) value.
- Memory of 3 electrodes characteristics makes changing them easy.
- Automatic or manual temperature compensation.
- Automatic checking of the condition of electrode's membrane.
- Internal clock with date.
- Internal datalogger for up to 950 sets of results collected in series or single with temperature, time and date.
- The results and calibration data are stored in non-volatile memory.
- USB output.
- The meter meets the GLP requirements
- 24 months warranty for the meter.



Function	pH	mV	°C
Range	-2.000 ÷ 16.000 pH	±1000 mV	-50 ÷ 199.9 °C
Resolution	0.001 pH lub 0.01 pH	0.1 mV	0.1 °C
Accuracy (± 1 digit)	±0.002 pH	±0.1 mV	±0.1 °C*
Input impedance	10 <sup>12</sup> Ω		
Temp. compens. range	-5 ÷ 110.0 °C		
Dimensions (mm)	L = 200, W = 180, H = 20 / 50		
Weight	660 g		

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

\*\* Possibility of widening the range to 2000mV with small lowering of the accuracy to 0.2 mV

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