

LABORATORY pH-METER CP-505

- Laboratory meter in benchtop housing, powered with 12V power adapter.
- Measures accurately: pH, redox potential (mV) and temperature.
- Meter is equipped with a large, easy-to-read backlit LCD display with brightness control.
- Depending on the kind of applied pH electrode it may be used for clean water, sewage, soil measurements etc.
- Calibration of the pH electrode: 1÷5 points.
- Automatic buffers detection, their value may be changed by the user.
- Automatic correction of the pH sample solution value changes, along with the temperature changes for NIST standards.
- Automatic or manual temperature compensation.
- Memory of 3 electrodes' characteristics makes changing them easy.
- Automatic evaluation of the electrode's condition.
- Precise redox potential measurement (accuracy 0.1 mV).
- Internal clock with date.
- Storing of the pH electrode calibration date.
- Internal datalogger for up to 4000 sets of results collected in series or singly with temperature, time and date.
- The results and calibration data are stored in non-volatile memory.
- USB output for a PC.
- The meter meets the GLP requirements
- 24 months of warranty for the meter.



Function	pH	mV	°C
Range	-2.000 ÷ 16.000 pH	±1999.9mV	-50.0 ÷ 199.9 °C
Resolution	0.001 pH or 0.01 pH	0.1mV	0.1 °C
Accuracy* (± 1 digit)	±0.002 pH*	±0.1 mV	±0.1 °C*
Input impedance	10 ¹² Ω	10 ¹² Ω	-
Temp. compensation range	-5 ÷ 110.0 °C	-	-
Dimens. (mm) / Weight	L=200, W=180, H=20/50 / 660 g		

* Accuracy of the meter. The total error is dependent on the sum of probe's and meter's errors.

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