

LABORATORY pH-METER CP-502

- Laboratory meter in benchtop housing, powered with 12V power adapter.
- The meter has built in thermal printer (60mm).
- Accurately measures: pH, redox potential (mV) and temperature.
- 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 buffer detection, its value can be set by the user.
- Automatic correction of the pH sample solution value change with the temperature changes (for NIST samples).
- Storage of 3 electrodes characteristics enables to replace them quickly.
- The date of calibration of each pH electrode stored by the meter, with possibility of signalling moment when next calibration should be done.
- Automatic evaluation of the pH electrode condition.
- Automatic or manual temperature compensation.
- Precise Redox potential measurement (accuracy 0.1 mV).
- The meter has an internal clock with date.
- Internal datalogger for up to 950 sets of results collected in series or singly with temperature time and date.
- The results and calibration data are stored in non-volatile memory.
- RS-232 output or optional USB adapter for connecting with a PC and Centronics for standard printer.
- The meter meets the GLP requirements
- 24 months of warranty for the meter.

In comparison with the meters of 505 series the display is smaller and without the backlight.



Function	pH	mV	°C
Range	-2.000 ÷ 16.000 pH	±1999.9 mV	-50.0 ÷ 199.9 °C
Resolution	0.001 pH or 0.01 pH	0.1 mV	0.1 °C
Accuracy (± 1 digit)	±0.002 pH*	±0.1 mV	±0.1°C*
Input impedance	10 ¹² Ω	10 ¹² Ω	-
Temp. compens. range	-5 ÷ 110.0 °C	-	-
Dimensions (mm)	L=200, W=180, H=20/50		
Weight	680 g		
Printer	Thermal, width 60 mm		

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

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