

## WATERPROOF pH-METER CP-401



- Is used for accurate pH, temperature and ORP measurements.
- Two kinds of power source – battery and power adapter enable work in the laboratory or field.
- depending on the kind of used electrode possibility of measurements in clean water, sewage soil, etc.
- Calibration: 1 ÷ 5 points.
- Automatic detection of buffer solutions, their values may be changed by the user in given range.
- 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 characteristics of the electrodes enables their fast replacing – feature very useful during field work.
- Automatic checking of the condition of electrode's membrane.
- Precise Oxidation Reduction Potential (redox) measurement (accuracy 0.1 mV).
- Clock with date.
- Internal datalogger for up to 200 sets of results collected in series or single with temperature time and date.
- The results and calibration data are stored in non-volatile memory.
- Thanks RS-232 output the meter may be connected with a PC or by special interface with standard printer.
- 24 months warranty for the meter.
- CP-401 pH-meter has received a Golden Medal on international fairs **EUROLAB 2000**.

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 (meter)*
Accuracy (±1 digit)	±0.002 pH	±0.1 mV	±0.1 °C
Input impedance	10 <sup>12</sup> Ω		
Compensation range	-5 ÷ 110.0 °C		
Power	9V battery, 12V power adapter		
Dimension (mm) / Weight	L = 149, W = 82, H = 22 / 220 g		