

## WATERPROOF pH-METER CP-411

- 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.
- Waterproof housing (IP-66) enables work in difficult conditions.
- Small size and low weight make working in the field easier.
- Two kinds of power source, battery or optional power adapter, enable working in the field or long lasting work in laboratory.
- 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.
- Wide range of the temperature measurement (- 20 °C ÷ 199,9 °C)
- Equipped with separate stainless steel temperature sensor (Pt-1000B).
- Easy-in-use.
- Long-lasting work on 1 battery.
- Automatic switch off function to safe the battery.
- 24 months of warranty for the meter.



Function	pH	mV	°C
<b>Range</b>	0.00 ÷ 14.00 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>	battery 9V, power adapter 12 V		
<b>Dimensions (mm) / Weight</b>	L=149, W=82, H=22 / 210 g		

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

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