

WATERPROOF pH / CONDUCTIVITY METER CPC-411

- The **CPC-411** measures pH, redox (ORP, mV), conductivity and temperature.
- Used for work in the field and long-lasting measurements in the laboratory.
- Enables measurements of distilled water and samples with conductivity up to 100 mS/cm.
- Small size and weight makes working in the field easier.
- Waterproof housing makes working in difficult conditions easier.
- Very easy in use.

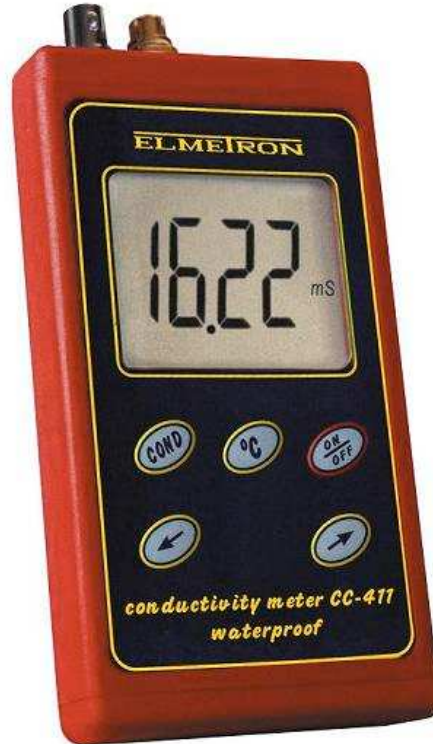
In the pH measurement mode:

- Calibration in 1÷3 points in buffer solutions 4.00, 7.00, 9.00 pH.
- Automatic detection of the pH buffer solutions value.
- Automatic temperature compensation.

In the conductivity measurement mode:

- Enables measurements of distilled water and samples with conductivity up to 100 mS/cm.
- 4 ranges switched automatically (autorange).
- Automatic temperature compensation in range -5÷70 °C.
- Temperature compensation coefficient $\alpha = 2\%/^{\circ}\text{C}$.
- Compensation reference temperature 25 °C
- Calibration of the conductivity cell by entering the constant K, or with use of sample solution.
- Cooperates with glass conductivity cell with platinum electrodes (K=1,0).

- Stainless steel temperature probe with Pt-1000B sensor.
- Powered by 9V battery or 12V power adapter.
- As option rechargeable battery, with internal charging, available.
- Automatic switch off function preserves battery life.
- Warranty 24 months.



Function	pH, mV (ORP, redox)	Conductivity	Temperature
Range	0 ÷ 14.00 pH 0 ÷ 1000 mV	0 ÷ 100 mS/cm, autorange	-50.0 ÷ 199.9 °C
Accuracy (± 1 digit)	± 0.1 pH ± 1 mV	0.25%;	± 0.1 °C*
Temperature compensation.	-5 ÷ 110 °C	-5 ÷ 70 °C	-
α coefficient	-	2% / °C	-
Temperature sensor	Pt-1000		
Power	battery 9V, adapter 12 V		
Dimensions (mm)	L = 149; W = 82; H = 22		
Weight	220 g		

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

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