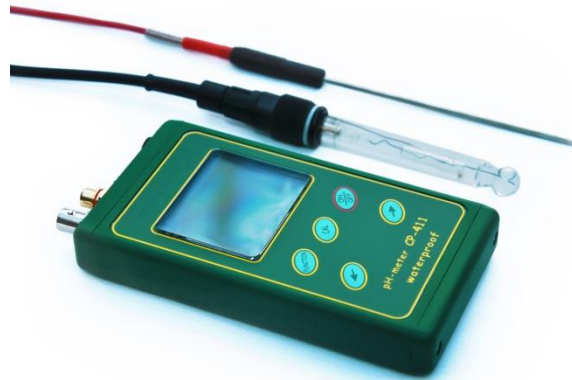


CP-411

portable pH, redox potential and temperature measuring device



The CP-411 is a high-resolution measuring and display device for measuring pH, redox potential and temperature. It is equipped with an easy-to-read display. The device is connected via screw-type connectors on top.

Features

- waterproof housing (IP66) enables working in difficult conditions
- low weight and small size
- powered by battery or power adapter
- 2- or 3-point calibration of the pH electrode
- automatic buffer detection of pH 4, 7 and 10
- automatic temperature compensation
- wide range of the temperature measurement (-50 °C to $+199,9\text{ °C}$)
- automatic switch off-function for a long lasting battery
- equipped with separate temperature sensor (PT1000B)
- hard case included

Application fields

- water purification and waste water treatment plants
- fish farming
- swimming pools
- breweries
- educational institutions
- laboratories

Connections

No.	Description
F	BNC-connector for the pH or redox electrode
t	chinch input for connecting the temperature sensor
P	power adapter input



Technical data

Parameter		Description
measurement range	pH	pH 0 to pH 14
	redox	-1999 to +1999 mV
	temperature	-50 to +199,9 °C
resolution	pH	0,01 pH
	redox	1 mV
	temperature	0,1 °C
accuracy	pH	±0,01 pH
	redox	±1 mV
	temperature	±0,2 °C
input impedance		10 ¹² Ω (pH/mV)
temperature compensation		-5 to +110 °C
power supply		9 V battery 12 V power adapter (optional)
dimension		149 mm x 82 mm x 22 mm (W x H x D)
protection		IP66

Included: pH combination electrode, temperature sensor

Specifications are subject to modifications.