

WATERPROOF OXYGEN METER CO-411

Designed for measurement of oxygen dissolved in water and sewage in % or mg/l, oxygen saturation in air and temperature. Simple and accurate field and laboratory meter.

Characteristic features:

- Low weight and small size make working in the field easier.
- Waterproof housing (IP-66) facilitates working in difficult conditions.
- Easy in use galvanic oxygen sensor on about 1 m cable. When properly maintained, the sensor may work efficiently for several years.



- 1 or 2 point oxygen sensor calibration (at 0% and 100%).
 - Automatic temperature compensation.
 - Enables entering manually the values of air pressure and salinity for automatic correction of their influence on the result of oxygen concentration in water or sewage measured in mg/l.
- CCO-401** and other multifunction meters enable entering these values automatically.

- Memory of 50 results.
- Possibility to determine the purity of industrial oxygen.
- Automatic switch off function.
- 24 months of warranty for the meter.

The standard set includes **COG-1** oxygen sensor and **CT2B-121** temperature probe with Pt-1000B resistor. Contrary to the meters of 401 series the meter is not equipped with the pressure sensor.

TECHNICAL DATA

Function	Oxygen %	Oxygen mg/l	Oxygen %	Temperature
Environment	air	water	water	water or air
Range	0 ÷ 100%	0 ÷ 19.99 mg/l	0 ÷ 199.9%	-50.0 ÷ 199.9 °C
Accuracy with (± 1 digit)	±0.2%*	±0.02 mg/l**	±0.2%*	±0.1 °C ***
Temperature compensation	-	0 ÷ 40 °C	-	-
Power supply	9 V battery, 12 V power adapter as option			
Dimensions (mm) / weight	L=149, W=82, H=22 / 210 g			

*The accuracy of the meter only.

**The accuracy of the meter only. With COG-1 or COG-2 oxygen sensor the accuracy at calibration temperature: ±1%.
By the difference ±5 °C accuracy: ± 3%, by the difference ±10°C accuracy: ±5%.

***The accuracy of the meter only. The total error includes the meters and probe's accuracy.

In the range 0 ÷ 100 °C the acceptable error of the probe with Pt-1000B resistor: ±0.8 °C, with Pt-1000A resistor: ±0.35 °C.