

The NeuLog chloride sensor can be used to measure the concentration of chloride ions (Cl⁻) in aqueous samples. This measurement can be an indication of the salinity of water samples. The sensor can be used to study samples of drinking water with different degrees of chlorination.



Specifications

- Used in the fields of Environmental Science, Ecology, Chemistry, Biology, etc.
- Uses a permanently filled ion selective electrode to accurately measure the amount of chloride ion in a solution.
- Includes a chloride sensor electrode, chloride Ionic strength adjuster (ISA), chloride 1000 ppm standard.
- The sensor is pre-calibrated at the factory.
- Offsetting is conducted by using a 10 ppm chloride solution.
- Experiment duration: 1 second to 31 days.

	mg/L	ppm
Range and operation modes	1.8 to 35,500	1.8 to 35,500
ADC Resolution	15 bits	
Resolution	0.1 mg/L at 1.8 to 1,000 mg/L 250 mg/L at 1,000 to 35,000 mg/L	0.1 ppm/L at 1.8 to 1,000 ppm 250 ppm at 1,000 to 35,000 ppm
Max. sample rate (S/sec)	100	

Sensor Requirements

Hardware

- **USB Module (USB-200)**
Direct connection to the computer (PC, Mac, XO, or Linux)



Software

- Application for Windows
- Application for Mac
- Web Application for WiFi module
- NeuLog Software



or

- **WiFi Module (WIFI-201 or WIFI-202)**
Wi-Fi communication – For any device which uses WiFi technology (ipads, Tablets, Smartphones and Computers)



Multiple logger sensors can be used together!



- **Optional Accessories:**
Battery Module, RF Communication Module, Graphic Display Module, Digital Display module



Subject to Change