

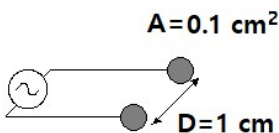


The wireless salinity sensors can measure the amount of salt dissolved in water. Salinity can be measured in a variety of environments, from plain water to seawater. The salinity of sea water is about 35ppt.

Using a wireless salinity sensor, you can perform experiments such as:

- Measurement of salinity of seawater
- Seasonal salinity measurement
- Salinity measurement in aquarium
- Comparison of salt water concentration percentages.

Salinity sensors calculate salinity by measuring electrical conductivity. In the case of seawater, salinity and electrical conductivity are proportional, so salinity can be easily calculated by measuring electrical conductivity.



It supports both Bluetooth classic mode and low power mode, so it can be used on various smart devices, and can also be connected to a PC via USB.

You can use various functions through the dedicated app (Science#).

* Download 



Technical data

Measurement performance	Range	0 ~ 50 ppt
	Resolution *	0.01 ppt
	Accuracy	±2%(@35ppt) ±0.2%(After Cal. @35ppt) **
	Cell constant	10 cm^{-1}
	Sampling Rate	100 Samples/second
General Conditions	Display	OLED 0.96" (128*64 pixel)
	Operating Power	Li-Poly Rechargeable Battery (700mAh)
	Power Consumption	0.55W
	Power Requirements	USB (DC 5V, 0.5A)
	Battery life ***	Approximately 6 hours(after full charge)
	Wireless Connection	Bluetooth 5.0 or 2.1+EDR
	Wired Connection	USB 2.0(Type-C)
	Operating Environment	"5 ~ 35°C (Automatic Compensation)"
	Compliance	EN 61326-1, EN 55011, EN 55032, EN 301. CE, RoHS, SMD070
Mechanics specifications	Dimension(WxLxH,mm)	"230 * 50 * 24.7 mm Body 80 * 50 * 24.7 Electrode OD 12 * 150"
	Weight	87g (3 oz)
	Housing Materials	PC+ABS Glass Probe
	Housing Protection	IP30

* This resolution can be viewed through the Science# application.

** This is the reading error after calibration with a standard solution of 35 ppt.

*** Battery life varies by use, configuration, temperature, and many other factors; actual results will vary.

Product Appearance Design



Notices

- This product is to be used for educational purposes only. It is not appropriate for industrial, medical, research, or commercial applications.
- Our products and the contents are subject to change without any notice. In consequence we cannot assume responsibility for any consequential or other damage resulting from the use of this instrument.

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