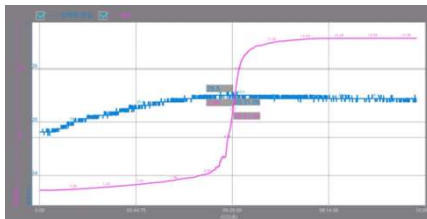





The Science Cube Wireless pH sensor is a sensor that measures hydrogen ion concentration. It is a principle to determine the pH value from the potential difference between the glass electrode and the reference electrode with two standard solutions that know the pH value. Wireless pH Sensor does not require a separate connection cable, so it can be easily used in complex experimental environments such as monitoring pH change during neutralization of acid-base, chemical reaction and checking pH in a water tank during photosynthesis. You can use this sensor for investigation of acid rain and water quality as well.

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#).



Example: Acid-base neutralization reaction.

* Download 



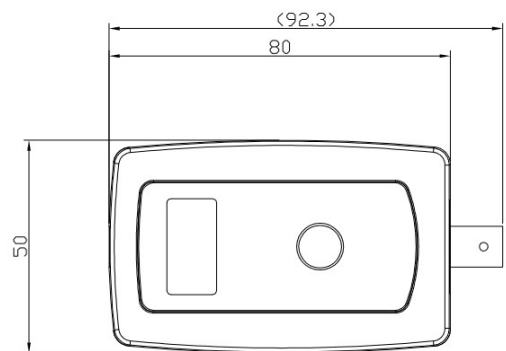
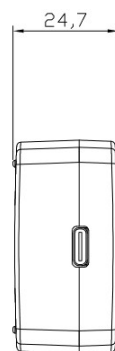
Technical data

■ Measurement performance	Range	0 ~ 14 pH
	Resolution *	pH 0.001 (Logging using science#) pH 0.01 (Display)
	Accuracy	Max ±0.1 pH (After Cal.)
	Sampling Rate	100 Samples/second
■ General Conditions	Display	OLED 0.96" (128*64 pixel)
	Operating Power	Li-Poly Rechargeable Battery (700mAh)
	Power Consumption	0.5W
	Power Requirements	USB (DC 5V, 0.5A)
	Battery life **	Approximately 13 hours(after full charge)
	Wireless Connection	Bluetooth 5.0 or 2.1+EDR
	Wired Connection	USB 2.0(Type-C)
	Operating Environment	-20 to 60°C, Max. 85%RH
	Compliance	KC : R-R-KDY-WL104PH EN 61326-1, EN 55011, EN 55032, EN 301. Ⓜ202-SMD070
■ Mechanics specifications	Dimension(WxLxH,mm)	254 * 50 * 24.7 mm Body 92.3 * 50 * 24.7 Electrode OD 12 * 160"
	Weight	110 g (3.9 oz)
	Housing Materials	PC+ABS
	Housing Protection	IP30 IP67 (Only electrode probe)

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

** 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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