



The wireless Electrode Amplifier measures data with almost any electrode that has a BNC connector. This includes electrodes from Science Cube such as our pH electrode, or third-party electrodes, such as pH, ISE (ion-selective electrode), or ORP (oxidation-reduction potential).

The electrode is connected to the amplifier by means of a coaxial cable and a BNC connector. The electrode amplifier can produce an output in mV. The voltage produced by the reference electrode in the range of -450 to +1100 mV.

The electrode amplifier will report values in units of pH. If an ORP or ISE electrode is attached, however, you can choose to read in units of mV.



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 



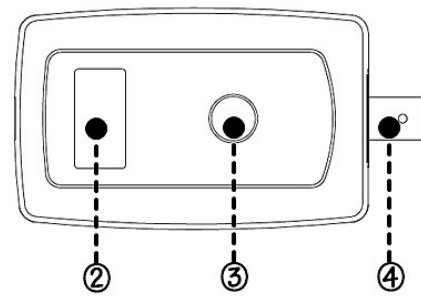
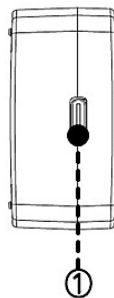
## Technical data

■ <b>Measurement performance</b>	Range	-450 mV to 1100 mV
	Resolution *	0.1 mV
	Sampling Rate	100 Samples/second
■ <b>General Conditions</b>	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 8 hours(after full charge)
	Wireless Connection	Bluetooth 5.0 or 2.1+EDR
	Wired Connection	USB 2.0(Type-C)
	Operating Environment	0 to 60°C, Max. 85%RH
	Compliance	EN 61326-1, EN 55011, EN 55032, EN 301.   202-SMD070
■ <b>Mechanics specifications</b>	Dimension(WxLxH,mm)	92.3 * 50 * 24.7 mm
	Weight	68 g (2.4 oz)
	Housing Materials	PC+ABS
	Housing Protection	IP30

\* 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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