

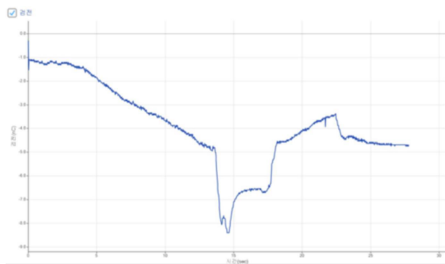


The wireless electrostatic charge sensor measures electrostatic charges and can be used as an electronic electroscopes. The sensor can also be used to measure charge polarity. The sensor has three operating ranges and a zeroing switch to discharge the input capacitor.


The sensor should be stored with the input leads shorted together to protect it from high static potential that could damage the unit.

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: Electrostatic induction phenomenon experiment

* Download 



Technical data

Measurement performance	Range	±0.5V (±5 nC) ±2V (±20 nC) ±10V (±100 nC)
	Resolution *	0.01 nC When using Science#, 5 nC is 0.003 nC, 20 nC is 0.01 nC 100 nC is 0.05 nC.
	Max. input voltage	± 150 V
	Typ. bias input current	0.005 pA
	Sampling Rate	100 Samples/second
General Conditions	Display	OLED 0.96" (128*64 pixel)
	Operating Power	Li-Poly Rechargeable Battery (700mAh)
	Power Consumption	0.65W
	Power Requirements	USB (DC 5V, 0.5A)
	Battery life **	Approximately 4 hours(after full charge)
	Wireless Connection	Bluetooth 5.0 or 2.1+EDR
	Wired Connection	USB 2.0(Type-C)
	Operating Environment	0 to 50°C, Max. 85%RH
	Compliance	EN 61326-1, EN 55011, EN 55032, EN 301. CE, RoHS, SMD070
Mechanics specifications	Dimension(WxLxH,mm)	"450 * 50 * 25 mm Body 80 * 50 * 25 Probe Pair * 300"
	Weight	135g (4.8 oz)
	Housing Materials	PC+ABS
	Housing Protection	IP30

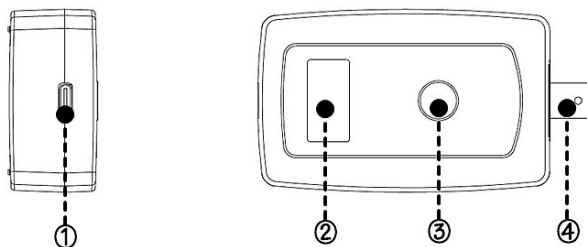
* This resolution can be viewed through the Science# application.

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

Accessory

- BNC Cable with clip

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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