

The wireless vertical temperature sensor can simultaneously measure the temperature of gas or liquid at four different points.

This wireless sensor consists of the main unit and four temperature probes, which can measure temperature in Celsius (°C) or Fahrenheit (°F). Each probe's sensing element is attached to the surface at 4cm intervals and is coated with waterproof material. This sensor is only suitable for use in neutral liquids.



Additionally, it is a high-precision digital temperature sensor that can connect up to 4 sensors simultaneously, supporting both Bluetooth Classic and Low Energy modes for compatibility with various smart devices, and can also be connected to a PC via USB.

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



Technical data

■ Measurement performance	Range	-40 to 125°C (-40 to 275°F)
	Resolution	0.1 °C
	Accuracy	±0.1°C (in -25 to 55°C) ±0.2°C (in -40 to 100°C) ±0.3°C (in -40 to 125°C)
	Sampling Rate	100 Samples/second
	Detection Space	4 sensors placed at 4 cm intervals
■ 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 12 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	EN 61326-1, EN 55011, EN 55032, EN 301. CE, RoHS, RE202-SMD070
■ Mechanics specifications	Dimension(WxLxH,mm)	275 x 42 x 18 Body: 78 x 42 x 18, Probe: 195
	Weight	54 g (2 oz)
	Housing Materials	PC+ABS

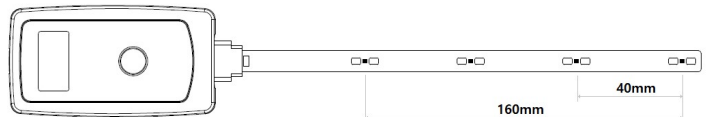
* Battery life varies by use, configuration, temperature, and many other factors; actual results will vary.

■ Application



Observation of convection phenomena in heated liquids

■ 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.

Revised Jan. 2025