



A wireless thermocouple temperature sensor measures the change in electromotive force caused by the temperature difference between the two ends of a wire and converts it to temperature and displays the measurement. At the end of the sensing part that measures temperature, there is an element whose resistance to electromotive force changes with temperature, and the resistance change of the element is converted to temperature change and the measured value is displayed.



- 1) Connect mode
- 2) Sensor-ID
- 3) Battery gauge
- 4) Value

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



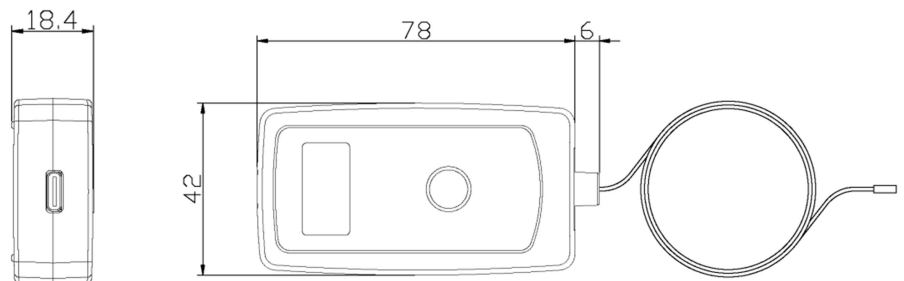
## Technical data

■ <b>Measurement performance</b>	Range	-200 ~ +1,200 °C
	Resolution *	0.6 °C
	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	-20 to 60°C, Max. 85%RH
■ <b>Mechanics specifications</b>	Dimension(WxLxH,mm)	78 * 42 * 18 mm wire length 300
	Weight	56 g (2 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.