ScienceCube
www.sciencecube.com

Wireless Temperature

ORDER CODE : WL100T

Wireless Temperature Sensor measures the temperature of the gas or liquid.

Measures temperature in °C or °F. This wireless sensor is consists of a handle and a stainless steel sensor.

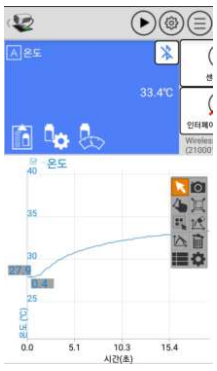
The sensing element is located inside the end of the sensor and the diameter of the stainless steel is less than or equal to 4.0 mm.

This sensor can be used in weakly acidic substances or liquids only.

Connect up to 4 sensors simultaneously, It is a high-precision digital temperature sensor. High accuracy digital temperature sensor

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#).



Science#

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Download on the App Store

Technical data

■ ***Measurement performance***	Range	-40 to 125°C (-40 to 275°F)
	Resolution *	0.06°C (Logging using *science#*) 0.1 °C (Display)
	Accuracy (After Sep. 2023)	±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

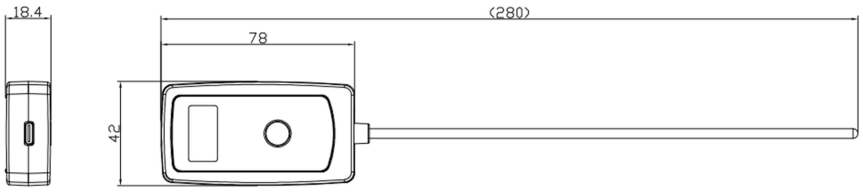
■ ***General Conditions***	Display	OLED 0.96" (128*64 pixel)
	Operating Power	Li-Poly Rechargeable Battery (700mAh)
	Power Consumption	0.5W
	Power Requirements	USB (DC 5V, 0.5A)
	Battery life **	Approximately 14 hours(after full charge)
	Wireless Connection	Bluetooth 5.0 or 2.1+EDR
	Wired Connection	USB 2.0(Type-C)
	Operating Environment	-20 to 60°C, Max. 85%RH
	Compliance	KC : R-R-KDY-WL100T EN 61326-1, EN 55011, EN 55032, EN 301. ㉾ ㊮202-SMD070

■ ***Mechanics specifications***	Dimension(WxLxH,mm)	280 x 42 x 18.4 Body 78 x 42 x 18, Probe OD4 x 200
	Weight	56 g (2 oz)
	Housing Materials	PC+ABS, Stainless Steel
	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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For more information, visit www.koreadigital.com or contact us at info@koreadigital.com