



The wireless oxygen gas sensors can accurately measure the amount of oxygen in the atmosphere or confined spaces. The measurement range is wide, allowing various measurements. It can be used with a carbon dioxide sensor to measure oxygen and carbon dioxide levels outdoors or in the classroom.


Oxygen concentration in the air shows similar values in most regions without significant differences. Typically, it has a value of 20.9%, and users can calibrate the wireless oxygen sensor based on this value.



Calibration display screen

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

■ Measurement performance	Range	0 ~ 25 Vol. %
	Resolution *	0.01 Vol. %
	Accuracy	< 2% F.S.
	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 12 hours(after full charge)
	Wireless Connection	Bluetooth 5.0 or 2.1+EDR
	Wired Connection	USB 2.0(Type-C)
	Environment	
Operating	10 to 45°C, ~ 99%RH (Non-condensing)	
Storage	0 to 60°C	
Compliance	EN 61326-1, EN 55011, EN 55032, EN 301. CE, RoHS2002-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
	Housing Protection	IP30

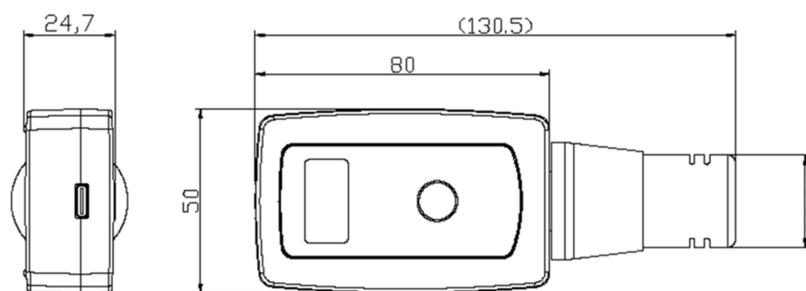
* This resolution can be viewed through the Science# application.

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

■ Calibrated with the oxygen concentration in the atmosphere

Relative Humidity(%RH)	0%RH	25%RH	50%RH	75%RH	100%RH
Volume concentration (% Vol.)	20.9	20.7	20.5	20.3	20.1

■ 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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