

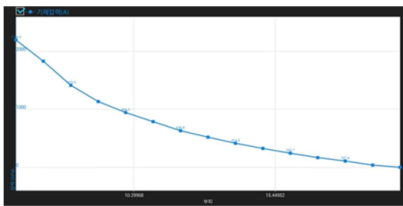


Wireless gas pressure sensor measures relative values to ambient pressure. When measuring pressure, it converts to an intermediate form, such as a displacement, which converts the displacement into an electrical output, such as a voltage or current.


This wireless sensor does not require a separate cable so that can be used easily in complex experiment environments. Also, it is possible to connect up to 4 sensors at same time, so you can use it with other kinds of sensors together.

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#).



Boyle's law

\* Download 



## Technical data

■ <b>Measurement performance</b>	Range	-1,000 ~ +3,000hPa
	Resolution *	0.6 hPa
	Accuracy	±1 k Pa (Max 3 kPa) ±10h Pa (Max 30hPa)"
	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 13 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-WL103P EN 61326-1, EN 55011, EN 55032, EN 301. CE R202-SMD070	

■ <b>Mechanics specifications</b>	Dimension(WxLxH,mm)	88.3 * 50 * 24.7 mm
	Weight	60 g (2.1 oz)
	Housing Materials	PC+ABS
	Housing Protection	IP30

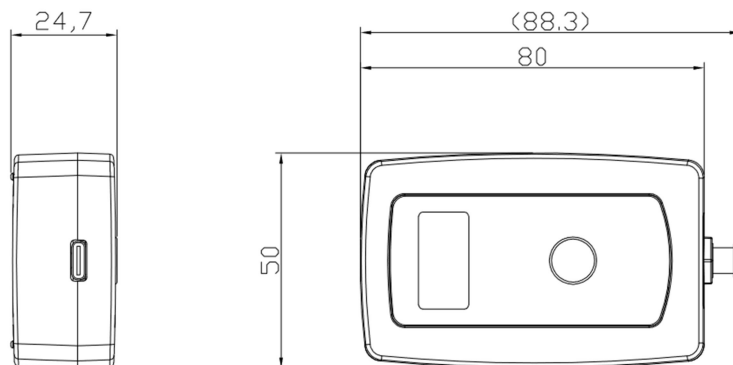
\* This resolution can be viewed through the Science# application.

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

### ■ **Accessory**

- Plastic syringe 20ml
- Plastic barbed fitting
- Silicon tube

### ■ **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. 2024