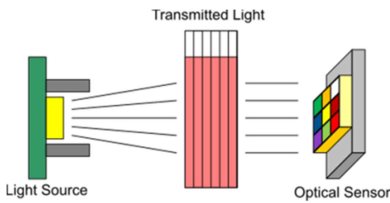
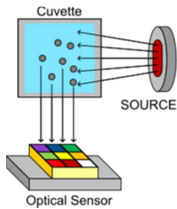




The colorimeter sensor are used to determine concentration by measuring the transmittance or absorption of a solution through six different wavelengths of light.



The turbidity sensor indicates the level of turbidity in the water and indicates how cloudy the water appears. The cuvette is illuminated with an infrared light source and the light scattered by the colloidal suspension is measured, expressing turbidity in NTU.



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	Colorimeter	0 ~100%T (recommend 10 ~ 90%T)
		Wavelength	(425, 470, 515, 555, 640,745nm)
		Turbidity	0~200 NTU
	Resolution * Colorimeter		0.1 %T
		Turbidity	0.1 NTU
	Sampling Rate		100 Samples/second
■ General Conditions	Display		OLED 0.96" (128*64 pixel)
	Operating Power		Li-Poly Rechargeable Battery (700mAh)
	Power Consumption		0.33W
	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		0 to 60°C, Max. 85%RH
	Compliance		EN 61326-1, EN 55011, EN 55032, EN 301. CE, RoHS, SMD070
■ Mechanics specifications	Dimension(WxLxH,mm)		
	Weight		
	Housing Materials		PC+ABS, Aluminum alloy
	Housing Protection		IP30

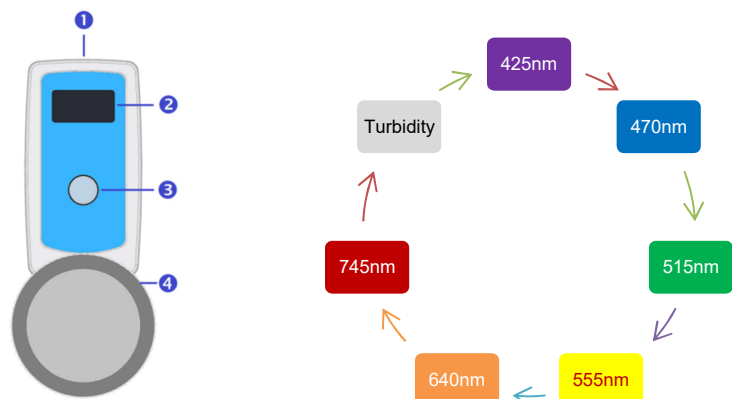
* This resolution can be viewed through the Science# application.

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

■ Accessory

- 100 NTU Standard
- Desposal Cuvette

■ 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 Feb. 2024