TRIPLETT

GSM215
CO2 Air Quality Monitor

1. Description

Thank you for purchasing the Triplett GSM215 CO2 Air Quality Monitor. This device utilizes a high-precision CO_2 Sensor which can detect the CO_2 accurately and with repeatability. The device is also equipped with an accurate sensor that can detect the temperature and humidity in many environments. The operation is very simple. There's a high-capacity rechargeable lithium battery inside, it is very convenient to carry, so that we can check air quality from time to time without having to be plugged into an AC outlet.
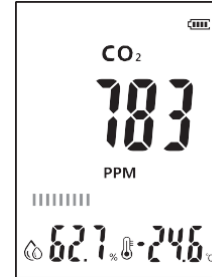
2. Feature
• NDIR (non-dispersive infrared) CO_2 sensor
• Checks for Carbon Dioxide (CO_2) concentrations
• Indoor Air Quality displayed in ppm with Good (0 to 800ppm), Normal (800 to1500ppm), Poor (>1500ppm) indication
• Easy to read, large dual display
• Simultaneously displays (CO_2) concentrations, Air Temperature and Humidity
• Low battery indication.

3. Specifications

	Range	Accuracy	Resolution
CO_2 concentration measurement	0 to 5000ppm	±75 ppm ±5% of reading	1 ppm
Temperature	-10 to 50°C	±1°C	0.1°C/°F
Humidity	0 to 100 %RH	±3.5 %RH (20%RH-80%RH) ±5%RH (0%RH-20%RH/ 80%RH-100%RH)	0.1 %RH
Battery	1000mAh rechargeable lithium battery		
Charging	Micro USB DC 5V 1A		
Working temperature	-10 to 50°C		
Storage temperature	-10 to 60°C		

4.Names and function of parts LCD display

1. LCD Screen
2. Menu Button
3. Sensor Outlet
4. Micro USB Connector

5. LCD Introduction (Below is the Picture of LCD)

1. Battery power icon
2. CO_2 display value
3. CO_2 unit : PPM
4. analog bar
5. Temperature icon
6. Temperature display value
7. Temperature unit : Celsius and Fahrenheit
8. Humidity unit : %RH
9.Humidity icon
10. Humidity display value

6. Operation Instructions

Key function

In the power off mode, press and hold ⏻ button, until the LCD is on, then the unit will power on.
In the power on mode, Press the ⏻ button briefly will switch between Celsius and Fahrenheit. press and hold button, until the LCD is off, then the unit will power off.

Operation
Press the power button to start the instrument. The CO_2 data · temperature data and humidity data update the once every second. The analog bar in the middle of the liquid crystal will indicate the current environmental quality according to the CO_2 concentration.

CO_2 concentration corresponds to colors shown by the device.

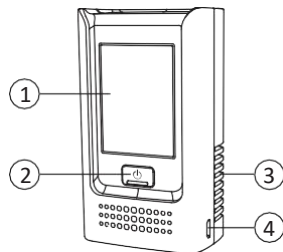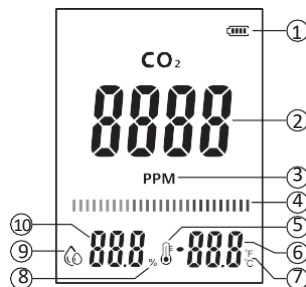| Range(PPM)	Grid	Color	Grade
<800	1	Green	GOOD
800~1500	2	Yellow	NORMAL
>1500	3	Red	POOR

7. Battery and Charging
This battery icon at the top of the screen would indicate the battery status. Please charge instrument when the battery icon is shown at the right top of the LCD screen, in case that the device is auto-off.

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