

GSM215

CO₂ Air Quality Monitor

1. Description



Thank you for purchasing the Triplett GSM215 CO₂ Air Quality Monitor. This device utilizes a high-precision CO₂ Sensor which can detect the CO₂ 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

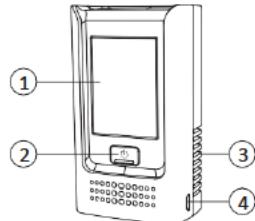
- NDIR (non-dispersive infrared) CO₂ sensor
- Checks for Carbon Dioxide (CO₂) concentrations
- Indoor Air Quality displayed in ppm with Good (0 to 800ppm), Normal (800 to 1500ppm), Poor (>1500ppm) indication
- Easy to read, large dual display
- Simultaneously displays (CO₂) concentrations, Air Temperature 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		

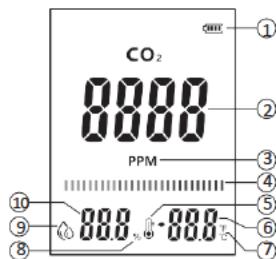
4. Names and function of parts LCD display

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. CO₂ display value
3. CO₂ 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



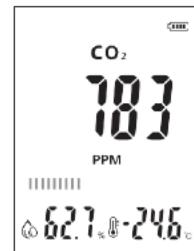
6. Operation Instructions

Key function

In the power off mode, press and hold  button, until the LCD is on, then the unit will power on.

Operation

Press the power button to start the instrument. The CO₂ 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 CO₂ concentration.



CO₂ 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.



Rev.210913

Warranty

Triplett / Jewell Instruments extends the following warranty to the original purchaser of these goods for use. Triplett warrants to the original purchaser for use that the products sold by it will be free from defects in workmanship and material for a period of (1) one year from the date of purchase. This warranty does not apply to any of our products which have been repaired or altered by unauthorized persons in any way or purchased from unauthorized distributors so as, in our sole judgment, to injure their stability or reliability, or which have been subject to misuse, abuse, misapplication, negligence, accident or which have had the serial numbers altered, defaced, or removed. Accessories, including batteries are not covered by this warranty.

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