



ZGM01

# Wearable CO<sub>2</sub> Detector with Metronome

- Dual beam NDIR technology is used to measure CO<sub>2</sub> up to 9,999ppm.
- Update the time and rhythm through USB.
- Storage 3 pieces of 120 measures rhythms.
- Clearly display the CO<sub>2</sub> with color TFT LCD indoor and outdoor.
- Function with vibrate to the beat, CO<sub>2</sub> alarm and hourly reminder.
- Build-in Li-ion Button Top battery for more than 20 hours.

**IAQ** CO<sub>2</sub> concentration status

Vibration Alarm

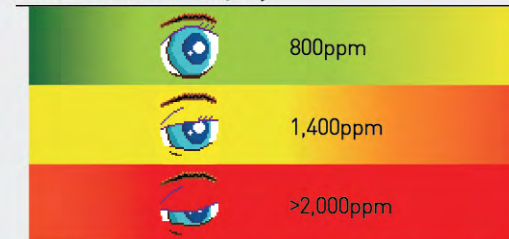
- Only once
- Every 10secs
- Every 5mins

CO<sub>2</sub> >1,400ppm with weak-beat vibration  
 CO<sub>2</sub> >3,000ppm with mid-beat vibration  
 CO<sub>2</sub> >5,000ppm with strong-beat vibration

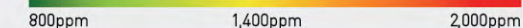
- 
- 
- 

Measure CO<sub>2</sub> under various beat modes all the time

Emotion Icons Display



The color gradually changes with CO<sub>2</sub> concentration







IAQ · Pace Beat Physiatry · Instrumentalist · Workplace Safety · Green House

## LCD Display



CO2 Display



Time Display



Basic Beat Display



Rhythms Beat Display



Pace Beat Display



Set Menu



User Manual

## Specifications

### CO2 Specification

|                          |                         |
|--------------------------|-------------------------|
| <b>Measurement Range</b> | 0-9,999 ppm             |
| <b>Accuracy</b>          | ±(50 ppm+3% of reading) |
| <b>Resolution</b>        | 1 ppm                   |

### Atmospheric Pressure Specification

|                          |              |
|--------------------------|--------------|
| <b>Measurement Range</b> | 50Kpa~110Kpa |
| <b>Accuracy</b>          | ±0.4kpa      |
| <b>Resolution</b>        | 0.1mmHg      |

### Operating Conditions

|                    |                         |
|--------------------|-------------------------|
| <b>Temperature</b> | 0°C~50°C ( 32°F~122°F)  |
| <b>Humidity</b>    | 0~95%RH, non-condensing |
| <b>Interface</b>   | USB                     |

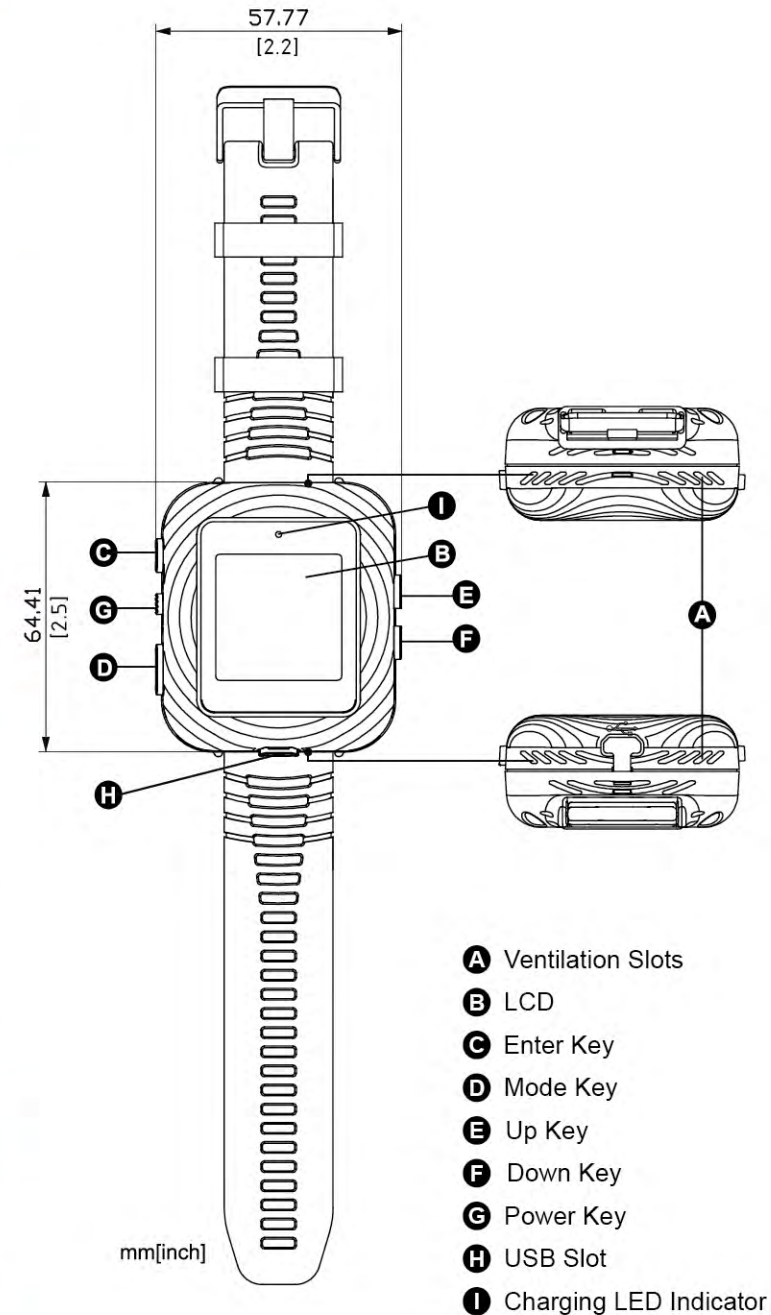
### Battery Condition

|                     |                                  |
|---------------------|----------------------------------|
| <b>Power Supply</b> | Li-ion 550mA 3.7V *1             |
| <b>Adapter</b>      | 5V±5% >1A , 100~240VAC , 50/60Hz |

### Storage Condition

|                    |                         |
|--------------------|-------------------------|
| <b>Temperature</b> | -20°C~60°C (-4°F~140°F) |
|--------------------|-------------------------|

(Specifications are subject to change without notice)



- A** Ventilation Slots
- B** LCD
- C** Enter Key
- D** Mode Key
- E** Up Key
- F** Down Key
- G** Power Key
- H** USB Slot
- I** Charging LED Indicator