

CO<sub>2</sub> MONITOR



Inspiration fails to strike.  
Lack of CO<sub>2</sub> control?

 **CO<sub>2</sub> MONITOR**  
Air condition checker

**ambienTec™**

ambienTec™

## What is a CO<sub>2</sub> Monitor?

It is widely known that rising CO<sub>2</sub> levels play a role in global warming, but the effects of this gas on human health are not well understood. The concentration of the CO<sub>2</sub> gas in atmosphere is between 400 and 500 ppm (0.04% to 0.05%), but the level tends to increase in a closed space or a space where many people gather. In general, when the concentration rises above 1000 ppm, it causes sleepiness and loss of mental concentration. To maintain a safe and comfortable indoor environment air should be ventilated with by setting this value as the target.

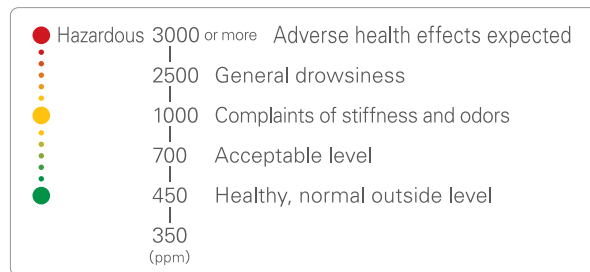
The Ambientec CO<sub>2</sub> monitor not only displays the CO<sub>2</sub> concentration, but also indicates the current concentration level using three LEDs. To improve productivity and efficiency, we recommend that you monitor CO<sub>2</sub> concentration as part of your health management.

## Where should the CO<sub>2</sub> Monitor be placed?

It can be placed in an office, conference room, living room, study room, children's room, and so forth. The sophisticated design of the CO<sub>2</sub> monitor makes it compatible with various lifestyles and suitable for any kind of interior decor.



- |                                  |                               |
|----------------------------------|-------------------------------|
| 1. Power switch                  | 5. LED (Red): > 1200 ppm      |
| 2. Temperature                   | 6. LED (Yellow): 800-1200 ppm |
| 3. CO <sub>2</sub> concentration | 7. LED (Green): < 800 ppm     |
| 4. Setting controls              | 8. Light bar                  |



- The instrument measures the CO<sub>2</sub> concentration every 7 seconds. The light bar lights orange during the measurement.
- The instrument also measures the atmospheric temperature at the same time as the CO<sub>2</sub> concentration.
- The three LEDs indicate one of three CO<sub>2</sub> concentration levels at a glance.
- The three CO<sub>2</sub> concentration levels indicated by the LEDs can be customized as required.
- 48 sets of data collected in past 24 hours can be logged.
- The maximum and minimum CO<sub>2</sub> concentrations during a series of continuous measurements can be logged.
- The instrument can be powered from the AC adapter as well as the USB supply.

## Specifications

CO <sub>2</sub> measuring range	0 to 3000 ppm
Measuring accuracy	±80 ppm
LED indicator lights	Green: < 800 ppm
	Yellow: 800-1200 ppm
	Red: > 1200 ppm
Other functions	Thermometer, data log
	(Display of concentration change over 24 hours)
Operating environment	Temperature 0-50°C, humidity up to 95%RH
Power supply	5 V DC, AC adapter (provided)
Dimensions	101 mm x 114.5 mm x 91.2 mm
Weight	183 grams

ambientec™

## Ambientec Corporation

1-47-6 Higashi-Ikebukuro  
Toshima-ku, Tokyo, 170-0013 Japan  
Tel.: +81 3 5953 4010 Fax: +81 3 3984 2882  
www.ambientec.co.jp