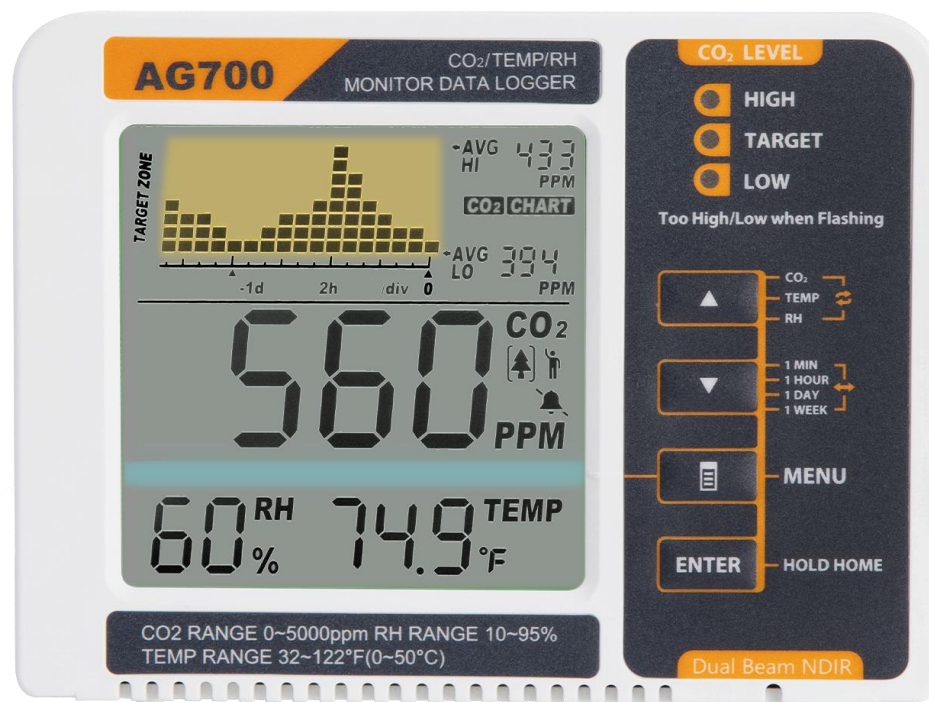
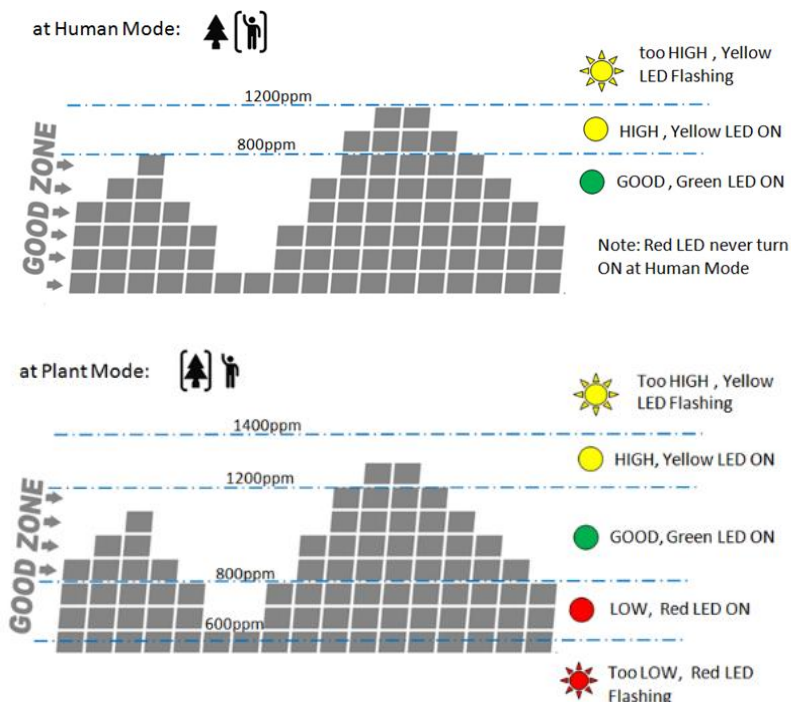


AG700 Desktop CO2 Monitor



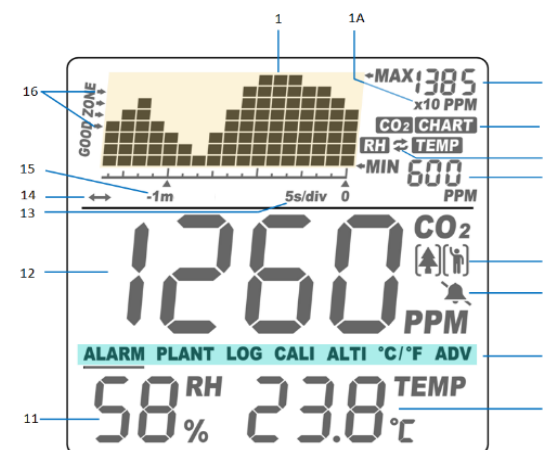
- CO2
- Temp
- RH
- Plant/Human
- CO2 Chart

AG700 is a desktop indicator ideal for CO2 monitoring, it is a smart CO2 monitor which can produce recommendations the column chart on the LCD can display historical trend data. It can accurately detects carbon dioxide levels between 0 to 5,000 ppm while using NDIR technology to improve long term stability, this product is developed to detect the current ambient air and help people to pay attention to indoor air quality or plant growth environment.

Features at a Glance

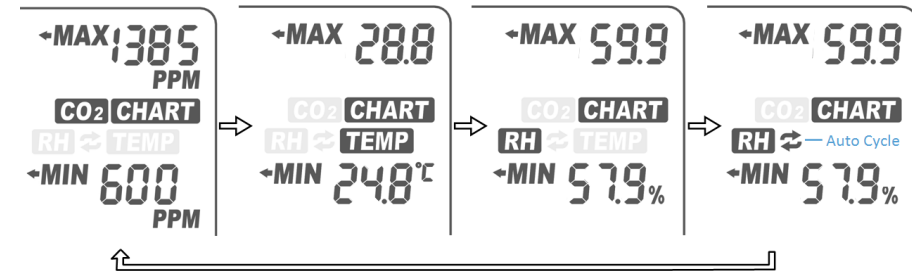
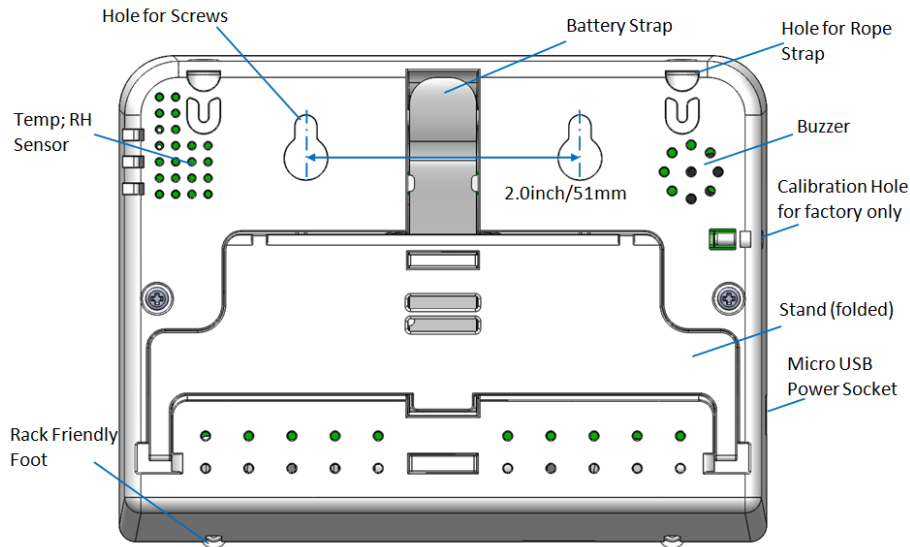
- Dual Beam NDIR (Non-Dispersive-Infrared) technology is used to improve the long term stability.
- CO2/Temperature/RH Monitor; Tracer
- Chart with variable time Zoom Levels
- Build-In Plant Types Directory
- 3-color LED (green / yellow / red) gradually changes color with CO2 concentration.
- Foolproof “Hold Home” function.
- CRR, CO2 Replenish Reminder.

1. CO2 Chart
2. Audible Alarm On/Off
3. Three emoticons
4. CO2 Reading
5. Real-time clock (hour/minute)
6. RH Reading
7. Main Menu
8. Temperature Reading



Smart Recommend

CO₂ Level is Perfect for Growth!
 Open a window, CO₂ is too high!



Measurement	Specification
Operating Temperature	32°F to 122°F (0°C to 50°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Operating & Storage RH	0-95%, non-condensing

CO ₂ Measurement	
Accuracy at 0~3000ppm	±50ppm or ±5% of reading, whichever is greater
Accuracy over 3000ppm	±7%
Repeatability	20ppm at 400ppm (standard dev. of 10 readings in 1 minute)
Measurement Range	0-5000ppm
Display Resolution	1ppm (0-1000); 5ppm (1000-2000); 10ppm (>2000)
Temp Dependence	±0.2% of reading per °C or ±2ppm per °C, whichever is greater, referenced to 25°C
Pressure Dependence	0.13% of reading per mmHg (corrected by user's altitude input)
Response Time	<2min for 63% of step change or <4.6min for 90% step change
Warm-up Time	10 sec

Temp Measurement	
Operating Temperature	32°F to 122°F (0°C -50°C)
Display Resolution	0.1°F (0.1°C)
Accuracy	±1°F (±0.5°C)
Response Time	<20min (63%)

RH Measurement	
Range	5-95%
Accuracy	±5%
Resolution	1% on Main Reading, 0.1% on Max Min Reading

Power& Dimension& Weight	
Power Requirements	160mA Peak, 15mA average at 5.0V. Battery is not included.
Dimension	120*91.2*27mm (4.7*3.6*1.1inch)
Weight	148g (5.22oz) Device only, AC Adapter not included