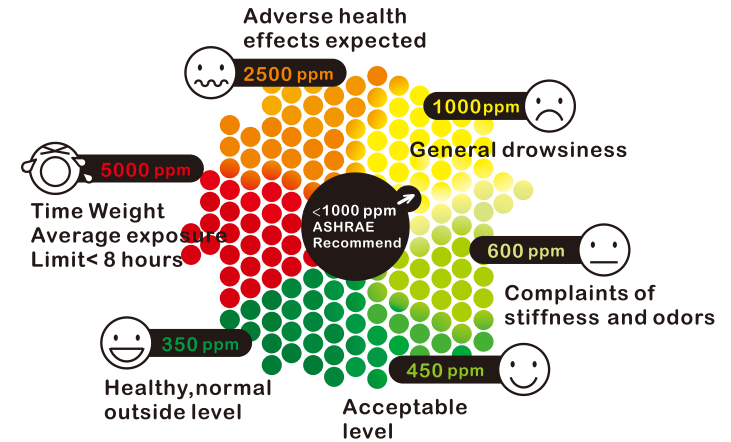


Monitor CO2 to Ensure Indoor Air Quality

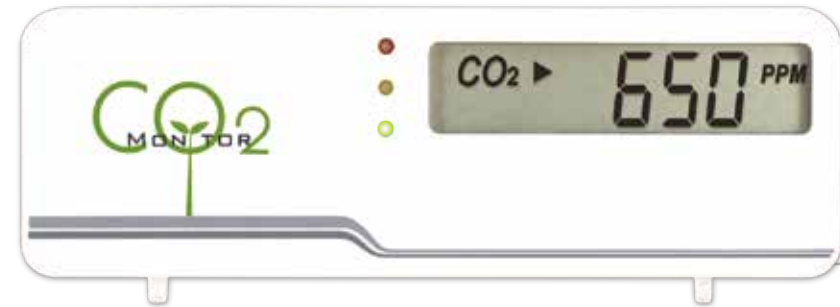


- < 800ppm
- 800~1200ppm
- > 1200ppm



Compact Size

- Dual Beam NDIR (Non-Dispersive-Infrared) technology used to measure CO2 concentration.
- Measure CO2 and temperature
- 3 LED displays show the current Indoor Air Quality
- Communication Interface: Windows XP, Windows 7
- A mini desktop CO2 Monitor



ZGm053U



Power Supply
 USB or 5 VDC AC/DC adapter, which is not included in package (Please use Standard USB power)



Office



School

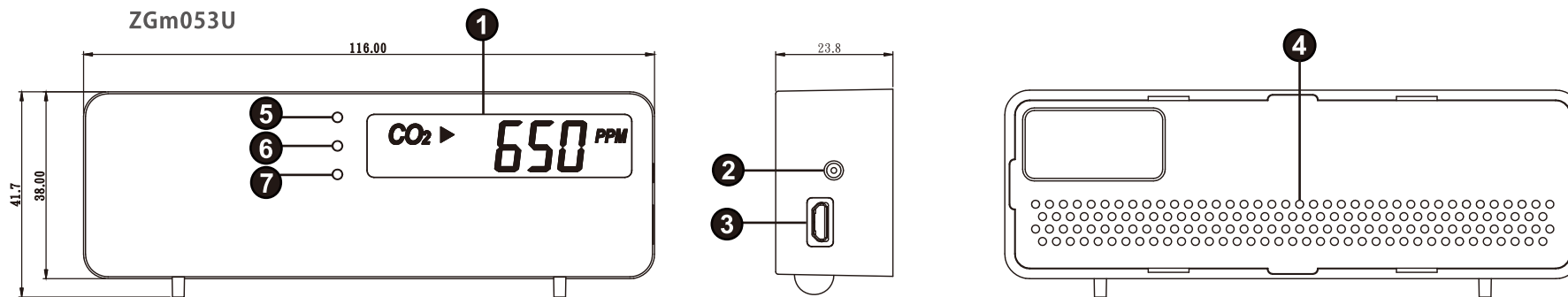


Home



ZG Mini

is smart, compact and easy-to-use. In addition to measuring the CO2 concentration, ZG Mini can also measure the ambient temperature (CO2+Temp). This product is developed to detect the presence of CO2 in ambient air and helps people to take care of Indoor Air Quality.



- 1** LCD Display
- 2** Calibration Gas Entry
- 3** Power Inlet
- 4** Ventilation Slots
- 5** Red LED Display (>1200ppm)
- 6** Yellow LED Display (800-1200ppm)
- 7** Green LED Display (<800ppm)

Specifications

(Specifications are subject to change without notice)

Method - Dual Beam NDIR

Display -
LCD Independent CO2 and Temperature readings

Sample Method - Diffusion

■ Performance - CO2 Channel

Measurement Range	0~3000ppm
Resolution	1ppm at 0~1,000ppm 5ppm at 1,001~2,000ppm 10ppm at 2,001~3,000ppm

Accuracy	0~2,000ppm: ±100ppm or ±7% of reading, whichever is greater; over 2000ppm: ±10%
Repeatability	±20 ppm
Temperature Dependence	Typ. ±0.3% of reading per °C or ±4 ppm per °C, whichever is greater, referenced to 25°C
Response Time	About 2min for 63% of step change
Warm-Up Time	About 60 seconds
Zone LED Display	Green: <800ppm; Yellow: 800~1200ppm; Red: >1200ppm. 800ppm is the default AL1, 1200ppm is the default AL2

■ Performance - Temperature Channel

Temperature Range	Display 0 to 50°C (32°F to 122°F)
Display Resolution	0.1°C(0.1°F)
Display Options	°C / °F(switch)
Accuracy	±1.5°C(±2°F)
Response Time	20~30 minutes (device must equilibrate with environment)

■ General Operating Conditions

Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-10°C to 60°C (14°F to 140°F)
■ Power Supply	
Power supply	USB or 5 VDC for external AC/DC adapter, which is not included in package (Please use Standard USB power) DC output range: 5VDC/300mA
■ Communication interface:	
OS	Windows XP , Windows 7