

BESANTEK Carbon Dioxide Gas Detector is applied to underground coal mine, petrochemical industry, municipal, environmental protection and other spaces where explosive and toxic gases may exist.

## Features:

- Rugged ABS+ PC case, heavy duty and crash resistant.
- Smart, firm, portable and can be used as fixed device.
- High accuracy.
- Compact size and light weight.
- Water resistant and dustproof (standard IP65).
- Intrinsically safe device, it can be used in potential explosive environments.
- Microcomputer circuit with intelligent function.
- High capacity chip and 4 layers PCB board.
- Audible and visible alarm.
- High and low alarm point and fully adjustable.
- Friendly and easy to use.
- USB interface.
- Low battery warning alarm.
- Stainless steel belt clip.
- Accessories: Instruction manual, USB cord, adapter, calibration cap & tube, belt clip, leather case and hanging cord.



**BST-MG01CO2**

## Technical Specification:

BST-MG01CO2	
Measuring Range	0.00 ~ 5.00 %vol
Measurement Error	0.00 ~ 0.50 %vol: $\pm 0.10\%vol$ 0.50 ~ 5.00 %vol: $\pm(0.10\%vol+5\%$ of testing gas)
Resolution Ratio	0.01%vol
Sensor	Infrared sensor
Sensor Lifetime	$\geq 5$ year
Response Time	$\leq 45s$ (T90)
Alarms	Audible: buzzer with $\geq 75$ dB audible Visible: flashing red LED, $\geq 20m$ visible
Continuous Working Time	$> 16$ hours
Working Current	$< 1mA$ without backlight
Display	Liquid crystal display (LCD)
Working Temperature	$-25 \sim 55$ °C; short time for $-40 \sim 55$ °C
Protection Degree	IP65
Battery	3.7V/1500mA
Charging Time	4-5 hours
Dimensions	105 x 54 x 32 mm
Weight	140g

## Accessories



## Ordering Information:

- BST-MG01CO2: Carbon Dioxide Gas Detector.

### Safety Standard:

- CE: EN 50270:2006  
MA/KA: GB3836-2010  
EX: GB3836.1-2010 & 3836.4-2010

