


CO₂ Monitor Model SK-50CTH

CO₂ monitor for people's safety



Features

- Three-colored LED  and buzzer to alert CO₂ level
- Temperature/humidity shown together
- Self-recalibration available
- Long-life NDIR sensor for CO₂ detection
- With a function to calibrate the CO₂ sensor using the outside air
- Alert thresholds and LED brilliance adjustable
- USB and AC power supply
- Can be installed on a desk and on a wall

The WHO suggests that CO₂ concentration should not exceed 1000 ppm indoors.

CO₂ Alert Patterns



LIGHT TURNS GREEN
(800 ppm or less)

SAFE



LIGHT TURNS AMBER
(801–1000 ppm)

VENTILATE REGULARLY



RED LIGHT BLINKS + BUZZER
(Over 1000 ppm) 

VENTILATE IMMEDIATELY

Specifications

Cat. No.& Name	No. 1737-00 CO ₂ Monitor Model SK-50CTH		
Elements	CO ₂ level	Temperature	Humidity
Measuring range	200 to 5000 ppm	0.0 to 50.0°C	10.0 to 95.0%rh
Accuracy	±5%rdg or ±50 ppm, whichever is larger (200 to 3000 ppm) ±7%rdg (other)	±0.6°C (20.0 to 40.0°C) ±1.0°C (other)	±5.0%rh (40.0 to 70.0%rh, 20 to 30°C) ±7.0%rh (other)
Resolution	1 ppm	0.1°C	0.1%rh
Sampling time	5 sec.	2 sec.	2 sec.
Buzzer volume	64 dB (from 10 cm away), available to be turned off		
Operation ambient	-10 to 50°C without condensing		
Power	5VDC, 500mA via USB Type-C terminal		
Materials	Case: ABS resin, Panel: acrylic glass		
Dimensions	226 (W) x 152 (H) x 45 (D) mm		
Weight	450 g		
Accessories	USB cable (Type-C to A, 3 m), AC adapter (100 to 240VAC)		

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