

# iGas Detector CO2

Carbon Dioxide Gas Detector

SENKO

CE



## Description

iGas Detector is the most reliable carbon dioxide gas detector designed to monitor the presence of CO<sub>2</sub> and alert users to danger with LED, audible and vibrating alarms in confined spaces. CO<sub>2</sub> gas accumulated in poorly ventilated areas and confined spaces is colorless and odorless classified as a toxic gas which may cause asphyxia and narcotic effects. Utilizing the high-performance infrared sensor, the iGas Detector CO<sub>2</sub> is the best solution to keep workers safe and your operations compliant.

## Key Feature

- IR Sensor Technology
- Measured by %vol and ppm
- Rechargeable Li-ion battery
- Automatic logging of 30EA events
- 14days of use by one fully charge
- Lightweight – 135g
- Exchangeable International wall plug Kit
- Easy configuration and data management via PC program
- Configurable Calibration, Bump test, Self test due warning

## Specification

<b>Model</b>	<b>iGas Detector CO2</b>
<b>Sensor Type</b>	IR
<b>Measurement</b>	Diffusion type
<b>Display</b>	LCD display
<b>Resolution</b>	0.01%vol / 100ppm
<b>Audible</b>	90dB at 10cm
<b>Warning Lamp</b>	Red Flashing LEDs
<b>Vibration</b>	Vibration Alarm
<b>Battery</b>	Rechargeable Li-ion(polymer) power supply unit (500mAh)
<b>Temperature</b>	-20°C ~ +50°C
<b>Charging Time</b>	100 minutes
<b>Humidity</b>	5%~95% RH (Non-condensing)
<b>Case</b>	Rubber Enclosure
<b>Accessories</b>	Calibration Cap, Charge Cable(USB C-Type) and Adaptor
<b>Option</b>	-
<b>Size &amp; Weight</b>	Size: 30(W) x 50(H) x 35(D)mm , Weight: 135g
<b>Operating Life</b>	14 day
<b>Event Log</b>	Recent 30 alarms
<b>Approval</b>	<b>EMC</b> directive(2014/30/EU), ROHS 2

## Sensor specification

Gas	Measuring range	Low Alarm	High Alarm
CO <sub>2</sub>	0~5.0%vol(50,000ppm)	0.5%vol(5,000ppm)	1.0%vol(10,000ppm)

## Accessories

Sampling pump  
(SP-Pump101)



Extension Probe  
5M/ 10M

