

# 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 CO2 and alert users to danger with LED, audible and vibrating alarms in confined spaces. CO2 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 CO2 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         |
|-----|----------------------|-------------------|--------------------|
| CO2 | 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

