

## Introduction

OC-905 is <u>portable H2O2 gas detector</u> can quickly and accurately measure H2O2 gas concentration and display by LCD screen. When the H2O2 gas concentration reaches or exceeds the preset alarm level, the gas detector will alarm.



## OC-905 H2O2 Gas Detector Feature

Used the original imported sensor, semiconductor technology of ultra low power 32 bit microprocessor, 24 bit ADC acquisition chip, so with the high accuracy.

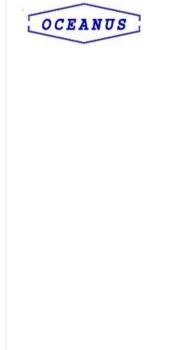
2.5 inch dot matrix display interface.

All English operation menu and easy operation.

Unit data available for PPM, %VOL, mg/m3, LEL, PPB.

The circuit installed the four layers of wire, so well anti-interference.

Explosion proof grade is Exd ib IIC T4 Gb.





## OC-905 H2O2 Gas Detector Specifications

| Gas type                         | Hydrogen peroxide (H2O2)  |                          |                               |
|----------------------------------|---|--------------------------|-------------------------------|
| Working <b>principle</b>         | Electrochemical   |                          |                               |
| Measure r <b>ange</b>            | 0-10ppm, 20ppm, 50ppm, 100ppm, 200ppm, 500ppm, 1000ppm,<br>10000ppm or be customized. |                          |                               |
| Resolution                       | 0.01ppm, .0.1ppm, 1ppm  |                          |                               |
| Precision                        | ≤3%FS   |                          |                               |
| Sampling method                  | Pump-suction sampling   |                          |                               |
| Data storage                     | About 100000 group of data capacity.  |                          |                               |
| Response time                    | T90≤30s   | Pre-heating time         | ≤60S                          |
| Repeatability                    | ≤±1%  | Display                  | LCD dot matrix<br>display     |
| Operating language               | English   | Concentration unit       | ppm,<br>mg/m3, %vol, %LEL     |
| Working temperature              | -20℃~60℃  | Working humidity         | 10%-95%RH(non-<br>condensing) |
| <b>Explosion</b> -Proof<br>grade | Exd ib IICT4 Gb   | P <b>rotection</b> grade | IP66                          |
| Alarm mode                       | Audible, visual   | Working pressure         | 86Kpa $\sim$ 106Kpa           |
| Dimensions                       | 135*65*35mm   | Weight                   | 0.5KG                         |
| Accessory                        | Box, instruction, USB charger , data line   |                          |                               |
| Quality standard                 | GB15322.1-2003,GB3836.1-2010,GB3836.2-2010,GB3836.4-2010                              |                          |                               |

