



## Introduction

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



## **Methane 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/m<sup>3</sup>, LEL, PPB.

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

Explosion proof grade is Exd ib IIC T4 Gb.



## Methane Gas Detector Specifications

Gas type	Methane (CH <sub>4</sub> )		
Working principle	Catalytic combustion		
Measure range	0-100%LEL or be customized.		
Resolution	0.1%LEL		
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 display
Operating language	English	Concentration unit	ppm, mg/m <sup>3</sup> , %vol, %LEL
Working temperature	-20℃~60℃	Working humidity	10%-95%RH (non-condensing)
Explosion-Proof grade	Exd ib IICT4 Gb	Protection grade	IP66
Alarm mode	Audible, visual	Working pressure	86Kpa ~ 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		



### **Methane Gas Detector Function**

Inspect the gas concentration and alarm when it reaches preset alarm level.

High accuracy, good stability and good repeatability, long working life.

One-key operation to restore to factory default setting.

Adjustable two-stage audible-visual alarm threshold value.

Powered by rechargeable lithium battery with big capacity.

The built-in pump could be controlled.

