Introduction

OC-905 CH2O Gas Detector <u>Feature</u>

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 avaible 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 CH2O 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.

OC-905 CH2O Gas Detector Applications

Common applications include chemical industry, petroleum, gas station, metallurgy, oil, municipal, environment protection, agriculture, biology pharmaceuticals, power, lab research and other industry environment where need to inspect formaldehyde (CH2O) gas concentration.

OC-905 CH2O Gas Detector Specifications

Gas type	Formaldehyde (CH2O)
Working principle	Electrochemical
Measure range	0-10ppm, 20ppm, 50ppm, 100ppm, 200ppm, 500ppm, 1000ppm, 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 display
Operating language	English	Concentration unit	ppm, mg/m3, %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		

OCEANUS

OC-905

Portable gas detector

Operating Manual

Henan Oceanus