Introduction

Description:

OC-905 Portable CO2 gas detector designed with the inner pump and the famous brand sensors, with stable performance and high accuracy. Used to detect the single gas concentration for the Combustible gas, Toxic gas, Carbon Dioxide, Oxygen, TVOC, etc. It

can directly display the gas concentration data on the screen, the data also could be exported to the computer by USB cable.

For the portable Carbon Dioxide gas detector, the common applications is gas safety inspection and alarm for industrial scene, such as petroleum refinery, chemical plants, LPG stations, boiler rooms, gas stations, paint spray booths, metallurgy, mining, fire, environmental protection, etc., where need to inspect the Carbon Dioxide CO_2 gas concentration.

› Detailed Photos

Features:

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 , mg/m3 and %vol.

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

Explosion proof grade is Ex ib IIC T4 Gb.

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.

OCEANUS

Name: Portable Gas Detector
Model: OC-905
Measure Range: 0-100%LEL
Serial No.: 20180327108
Henan Oceanus

Warm Tips:
1. Ensure ambient air is clean&dustfree
2. Ensure detector is working under suitable measure range.
3. Ensure detector is fully charged before long idle time

Technical Parameter:

Gas type	Carbon Dioxide (CO2)
Measuring range	0~500ppm、1000ppm、5000ppm、10000ppm、50000ppm 0~5%vol, 10%vol, 100%vol or Customized.
Working principle	Infrared sensor

Resolution	1ppm or 0.01%vol
Precision	±≤3%FS or Customized
Repeatability	≤±1%
Zero drift	≤±1%(F.S/year)
Sampling mode	Pump-suction sampling (Flow rate of 300ml/minute)
Data storage	Can record 300000 group of measuring data
Response time	T90≤20s
Recovery time	≤20s
Pre-heating time	≤60s
Display	LCD dot matrix display of the Gas type, gas concentration unit, gas concentration data, time, battery status, data storage status;
Concentration unit	ppm，mg/m3, %vol
Working environment	Working temperature: -20℃～60℃ Working humidity: 10%-95%RH(non-condensing) Working pressure: 86Kpa ～ 106Kpa
Explosion-Proof grade	Ex ib IIC T4 Gb
Protection grade	IP66
Alarm mode	Audible, visual
Shell material	Metal
Power supply	3.7VDC, 2800mAh,Rechargeable lithium battery

	DC5V USB charger
Charge time	≤6 hours
Working time	≥24 hours
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