



Introduction

We are specialized in **gas detector**, including portable type and fixed type, which can detect combustible gas, toxic gas and other special gas. As a manufacturer, we are able to promise the quality of products and provide after-sales service. Our model OC-903 is portable O2 gas detector can quickly and accurately measure O2 gas concentration and display by LCD screen. When the O2 gas concentration reaches or exceeds the preset alarm level, the gas detector will alarm.



O2 gas detector feature

Semiconductor technology of ultra low power 32 bit microprocessor, 24 bit ADC acquisition chip, so with the high accuracy.

2.4 inch IPS industrial grade color screen.

Support Chinese or English operation menu.

Detecting data available for ppm, %VOL, mg/m3.

For 1~4 gas detecting, single gas and some composite gas.

Internal sampling pump for suction, the suction strength is adjustable in different level.

Explosion proof grade is Exia IICT4.



O2 gas detector function

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

With auto-test and data recover function.

One-key operation to restore to factory default setting.

Temperature and pressure compensation.

Adjustable two-stage audible-visual alarm threshold value.

Powered by rechargeable lithium battery with big capacity.

Working under the micro negative pressure is available.



O2 gas detector applications

Common applications include chemical industry, agriculture, biology, lab research, medical, or other environment which need to inspect oxygen gas concentration.

O2 gas detector specifications

Gas type	Oxygen (O ₂)		
Working principle	Electrochemical sensor		
Measure range	0-2000ppm, 0-5000ppm, 0-10000ppm, 0-30000ppm, 0-5%vol, 0-30%vol, 0-99.999%vol or customized		
Resolution	1ppm (0-30000ppm), 0.01%vol (0-30%vol), 0.001%vol (0-99.999%vol)		
Precision	3%FS		
Data storage	About 100000 group of data capacity.		
Response time	≤20S/10S	Recovery time	≤20S
Repeatability	≤±1%	Linearity	≤±1%
Zero drift	≤±1% (F.S/year)	Display	LCD dot matrix display
Operating language	Chinese or English	Concentration unit	ppm, %vol, mg/m ³ .
Working temperature	-30℃~60℃	Working humidity	0-95%RH (non-condensing)
Explosion-Proof grade	Exia II CT4	Protection grade	IP65
Alarm mode	Audible, visual, vibration	Working pressure	-30Kpa ~ 100Kpa

Dimensions	180*80*60mm	Weight	0.5KG
Accessory	Box, instruction, USB charger, data line, calibration cap.		