



## Introduction

We are specialized in **gas detector**, For our all products, we are able to promise the quality of products and provide after-sales service. Our model OC-903 is **portable O3 gas detector** can quickly and accurately measure O3 gas concentration and display by LCD screen. when the O3 gas concentration reaches or exceeds the preset alarm level, the gas detector will alarm.



## 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.



## 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.



### Applications

Common applications include chemical industry, biology, pharmacy, lab research, production workshop and other environment where need to inspect ozone gas concentration.

### Specifications

Gas type	Ozone(O <sub>3</sub> )
Working principle	Electrochemical sensor

<b>Measure range</b>	0~1ppm, 0~5ppm, 0~20ppm, 0~50ppm 0~100ppm, 0~200ppm, 0~1000ppm, 0~5000ppm, 0~30000ppm or be customized.		
<b>Resolution</b>	0.001ppm(0-5ppm), 0.01ppm(0-100ppm), 0.1ppm(0-1000ppm), 1ppm(0-30000ppm),		
<b>Precision</b>	3%FS		
<b>Data storage</b>	About 100000 group of data capacity.		
<b>Response time</b>	≤20S/10S	<b>Recovery time</b>	≤20S
<b>Repeatability</b>	≤±1%	<b>Linearity</b>	≤±1%
<b>Zero drift</b>	≤±1% (F.S/year)	<b>Display</b>	LCD dot matrix display
<b>Operating language</b>	Chinese or English	<b>Concentration unit</b>	ppm or mg/m <sup>3</sup>
<b>Working temperature</b>	-30℃~60℃	<b>Working humidity</b>	0-95%RH(non-condensing)
<b>Explosion-Proof grade</b>	Exia II CT4	<b>Protection grade</b>	IP65
<b>Alarm mode</b>	Audible, visual, vibration	<b>Working pressure</b>	-30Kpa ~ 100Kpa
<b>Dimensions</b>	180*80*60mm	<b>Weight</b>	0.5KG
<b>Accessory</b>	Box, instruction, USB charger , data line, calibration cap.		