



## 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 CL2 gas detector can quickly and accurately measure CL2 gas concentration and display by LCD screen. When the CL2 gas concentration reaches or exceeds the preset alarm level, the gas detector will alarm.**



## CL2 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.



便携式气体检测仪  
产品型号: 00-903  
测量范围: EX (0-100)%LEL  
执行标准: GB12358-2006  
出厂编号: 00180508109  
生产日期: 20180509

## CL2 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.



## CL2 gas detector Applications

Common applications include chemical industry, petroleum, metallurgy, biology pharmaceuticals, and other industry environment need to measure the Cl2 gas concentration.

## CL2 gas detector Specifications

<b>Gas type</b>	Chlorine (CL2)		
<b>Working principle</b>	Electrochemical sensor		
<b>Measure range</b>	0~10ppm, 0~50ppm, 0~100ppm,0~200ppm, 0~1000ppm, 0~2000ppm, 0~5000ppm or to be customized		
<b>Resolution</b>	0.01ppm(0-100pm), 0.1ppm(0-1000pm), 1ppm(0-5000pm)		
<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/m3
<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.		