



Introduction

OC-903 is portable H₂ gas detector can quickly and accurately measure H₂ gas concentration and display by LCD screen. when the H₂ gas concentration reaches or exceeds the preset alarm level, the gas detector will alarm.

OC-903 H₂ 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 ExiaIICT4.



OC-903 H2 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.

Overload protection, over charge protection, anti static interference, anti magnetic interference, etc.



OC-903 H2 Gas Detector Applications

Common applications include chemical industry, petroleum, gas station, metallurgy, agriculture, biology pharmaceuticals, power, lab research and other industry environment where need to inspect combustibile or toxic gas concentration.



OC-903 H2 Gas Detector Specifications

Gas type	Hydrogen (H ₂)
Working principle	Electrochemical sensor
Measure range	0~500ppm, 0~1000ppm, 0~2000ppm, 0~5000ppm, 0~10000ppm, or Customized
Resolution	0.1ppm for 0~500ppm, 1ppm for measuring range above 0~1000ppm
Precision	3%FS

Sampling method	Pump-suction, flow rate of 100-1000mL L/min. (Adjustable)		
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 or mg/m3
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.		