



Introduction

OC-903 Portable gas detector with inner pump

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 II CT4.



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

Portable pump suction gas detector 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.



Specifications

Gas type	Combustible gas, oxygen, toxic gas		
Working principle	Catalytic combustion for combustible gas; Electrochemical for toxic gas and oxygen.		
Sensor	At most 4 sensor		
Measure range	Normal range or be customized.		
Resolution	Depended on the gas types		
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/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.		

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