

OC-903 Portable gas detector

**Description:**

OC-903 portable gas detector with the famous brand sensor for different gas type, it can inspect four gas at the same, with the inner pump and the data logger function, optional sensor for the temperature and humidity measurement. It can inspect the single gas, two gas, three gas or four gas, according to the different customers demands.

Features:

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 English language menu.

The gas concentration unit support for the ppm, mg/m³, %LEL, %vol.

For 1~4 gas detection, supporting single gas, two gas, three gas and four gas inspection.

With the inner pump and the suction strength is adjustable in different level.

Explosion proof grade of Ex ia IIC T4 Ga.

Function:

Inspect the gas concentration and alarm when it up to the preset alarm level.

With auto-test and data recover function.

One-key operation to restore to factory default setting.

Temperature and pressure compensation function.

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.

Technical specifications:

Gas type	Combustible gas, Toxic gas, Oxygen, CO ₂ , TVOC, etc.
Working principle	Catalytic combustion sensor for combustible gas; Electrochemical sensor for Oxygen and Toxic gas; Infrared sensor for CH ₄ , CO ₂ , SF ₆ ; PID sensor for TVOC.
Measuring range	According to different gas.
Resolution	According to different gas.
Precision	$\leq \pm 3\%F.S$
Sampling method	Pump-suction sampling, flow rate of 100~1000mL/min.(Adjustable)
Data logger function	About 100,000 group of data capacity.
Response time	$\leq 20s/10s$
Recovery time	$\leq 20s$
Repeatability	$\leq \pm 1\%$
Linearity	$\leq \pm 1\%$
Zero drift	$\leq \pm 1\%(F.S/year)$
Display	Gas type, concentration unit, value, Time, Temperature, Humidity, pump and battery status
Concentration unit	%vol, %lel, ppm, mg/m ³
Working environment	Working temperature: -30~60 degree; Working humidity: 0~95%RH (non-condensing); Working pressure: -30Kpa~100Kpa.
Explosion-proof Grade	Ex ia IIC T4 Ga
Protection grade	IP65
Alarm mode	Audible-visual-vibration alarm
Dimension	180m'm
Weight	500g
Accessory	Box, Instruction, USB charger, Data line, Calibration cap, CD

Applications:

The portable multi gas detector used in the gas safety inspection and alarm for industrial scene, such as petroleum refinery, chemical plants, LPG stations, boiler rooms, gas stations, paint spray booths, metallurgy, mining, fire, environmental protection, etc., where need to inspect the gas concentration of the Combustible gas and Toxic gas.

Reach Us



SBS Offices Worldwide

GCC Offices

Fujairah Office

Office 10, Building C, Fujairah
Free Zone II, Fujairah, UAE

Tel: +971 9 224 6664
Mobile: +971 50 108 6086
Fax: +971 9 222 8888
P.O. Box : 50555 Fujairah

Dubai Office 1

Scientific Business Solutions LLC FZC
Business Gate Center, Unit 1005
Level 10, Ibn Batuta Gate Office, Jebel Ali 1
Dubai, UAE.

Tel: +971 4 550 7828
Mobile: +971 50 408 6086
Fax: +971 4 550 7801
P.O. Box : 334035 Dubai

Asia Offices

Ras Al Khaima Office

Al Hamra Village, Villa 570
Ras Al Khaimah, UAE

Tel: +971 7 226 9015
Mobile: +971 55 543 8506

Dubai Office 2

Scientific Business Solution Trading LLC
Business gate center, Unit 1005, level 10, Ibn
Batuta gate office, Jebel Ali 1, Dubai, UAE. Dubai.

Tel: +971 50408 6086
Fax: +971 45507801
P.O Box : 334035 Dubai

Africa Offices

Egypt Office 1

Office 4 Building 151
Spico, Suez, Egypt.

Tel: +20 62 365 3606
Mobile: +20 122 3719802
Fax: +20 62 365 3606
P.O. Box 284 Suez .

Egypt Office 2

Building 1155, area 201
Khaled Bin Alwaleed St Elsalam 1
Suez, Egypt.

Tel: +20 62 353 5435
Mobile: +20 122 3719802
Fax: +20 62 353 5435
P.O. Box: 284 Suez .

Europe Office

United Kingdom Office

Global Scientific Business Solutions LTD UK
Suite 15 London Networking Capital –
Chessington Business Center COX LANE Chessington,
Surrey—KT9 1SD

Tel: +44 20 3044 2458
Mobile: +44 75 7065 5514

USA Office

Plano, Texas Office

5830 Grantie Pkwy #100-248Plano, TX
75024

Tel: +1 (713) 557-0011
P.O. Box : 75024 TX

Labs & Service Centers

Thoban Lab

Thoban, Fujairah, UAE

Tel: +971 9 224 6664
Mob.: +971 50 108 6086

Habhab Lab

Habhab, RAK, UAE

Tel: +971 9 224 6664
Mob.: +971 50 108 6086

Taween Service Center

Taween, Fujairah, UAE

Tel: +971 9 224 6664
Mob.: +971 50 108 6086

your business partner شريك أعمالك

info@global-sbs.co.uk

+971 50 108 6086

<https://lnkd.in/d8YEzjP>

<https://lnkd.in/dqCDkSQ>

www.global-sbs.co.uk

info@sbs-website.com

<https://lnkd.in/dpUnmZ4>

<https://lnkd.in/dw3iY7e>

<https://lnkd.in/d3Dke6u>

www.sbs-website.com