Introduction

OC-904A Portable multi gas detector used to detect the gas concentration in many applications, including of the chemical industry, petroleum, gas station, metallurgy, agriculture, biology pharmaceuticals, power, lab research and other industry environment where need to inspect combustible or toxic gas concentration.

With the LED light, it's very convenient for the underground usage, such as the Mine, Coal Mine, Tunnel, etc.

Features:

Original imported sensor with high performance and precision, good stability and repeatability, long working time.

TFT LCD screen display the measuring data.

Record the alarm data of 10,000 sets.

Adjustable preset two-stage alarm level.

With the 32bit low power consumption ARM processor and quick response.

Restore factory setting function, avoid the mis-operation.

Three alarm mode: Audible, Visual, Vibration.

Support for 4 sensor at the same time.

Support the Chinese/English language menu.

The menu interface with words and icon.

LED light function, can provide the light in the dark area or other Emergency time.

LED indicate light, will flash in the dark area.

USB charger port.

Explosion-proof grade of Exd ib IIC T6 Gb;

Protect grade of IP65.

Technical parameter:

Item	Description
Gas type：	EX，O2，CO，H2S or customized;
Working principle：	Catalytic combustion sensor for combustible gas; Electrochemical sensor for toxic gas and oxygen.
Testing mode：	Diffusion sampling.
Display mode：	TFT LCD display
Concentration Unit：	%VOL、%LEL、ppm、mg/m3;

Measuring range：	EX：0-100%LEL； O2:0-30%VOL CO：0-500ppm H2S：0-100ppm; or customized;
Resolution：	EX：1%LEL； O2:0.1%VOL CO：1ppm H2S：1ppm; or customized;
Precision：	≤±3%FS;
Alarm mode：	Audible-visual alarm，Vibration alarm，Voice≥75dB@25cm;
Preheat time：	≤90s;
Response time：	T90≤30s;
Recovery time：	≤20s;
Explosion proof grade：	Exd ib IIC T6 Gb;
Protection grade：	IP65;
Output signal：	Wireless transmission and print function（Optional）;
Body material：	PC+TPU;
Working temperature：	-20℃～+50℃（or customized）;
Working humidity：	≤95%RH，(non-condensing);
Charger：	USB port;
Working voltage：	3.7V rechargeable lithium battery;
Charging time：	≤6 hours;
Working time：	＞8hours continuously（Under normal temperature and no alarm）;
Power consumption：	<0.7W;
Working pressure：	86～106KPa;

Dimension：	119.6x60x44mm(LxWxH);
Weight：	About 182g;
Standards：	GB3836.1-2010，GB3836.2-2010，GB3836.4-2010，MT 704-2008, MT 703-2008,MT 1084-2008,GB 15322.3-2003;
Warranty：	12 months;
Accessory:	Box, instruction, USB charger, data line, calibration cap.