

SMART SENSOR – Handheld High Precision Portable Oxygen Detector Model : AS8801



Features:

- It is a device that detects the presence of gas in an area and is usually part of a safety system.
- The gas detector can alert the operator in the area where the leakage occurred, giving them a chance to leave.
- This type of device is used to detect gas leakage and interface with the control system, so the process can be automatically shut down.
- Gas detectors can be used to detect flammable, flammable and toxic gases as well as oxygen consumption.
- This type of device is widely used in industry and can be found in locations such as oil rigs to monitor manufacturing processes and emerging technologies, such as photovoltaics, which can also be used for fire protection.

Specifications:

Condition: 100% Brand New

Material: Plastic

Color: black + blue

Gas type: oxygen

Measuring range: 0~30% VOL

Resolution: 0.1%

T90: 10 seconds

Measuring principle: electrochemical principle

Life expectancy: 2 years

Alarm sound: light alarm. (Adjustable alarm value, alarm sound up to 80 decibels.)

Low power alarm: yes

Low/high alarm/alarm settings: yes

Automatic / manual shutdown: yes

Backlight high brightness: yes

Working temperature: -10~50°C (except LEL is 0~40°C)

Operating humidity: 15~95% RH, typical

Storage temperature: 0~40°C

Product size: approx. 66.35*95.8*52mm / 2.6*3.8*2in

Weight: approx. 280g / 9.9oz

Power: rechargeable lithium-ion battery, 3.7 volts (inclusive)

Battery operating time: 5-8 hours. (12 hours can be used with the AS8930 sampling pump)

Effects of anoxic and oxygen-rich atmospheres:

Oxygen concentration (%) symptoms (atmospheric pressure):

100% fatal, 6 minutes (absolutely closed environment, such as hyperbaric oxygen chamber)

50% fatal, can be cured after 45 minutes of treatment (absolutely closed environment, such as hyperbaric oxygen chamber)

> 23.5% oxygen-rich;

20.96%, normal;

Lowest, 19.5%;

15 to 19% reduce efficiency, causing problems in the head, lungs and circulatory system;

10~12% shortness of breath, loss of judgment, purple lips;

Treatment failure 8~10%, syncope, coma, pale, nausea and vomiting;

6~8%, 8 minutes, low blood pressure, rapid heartbeat, mouth breathing, rapid stop breathing;

4 to 6%, 40 seconds, convulsions, breathing stopped, and died.

Package list:

1 * Oxygen Detector

1 * Instruction Manual

1 * USB Data Cable