



## • ST8900 Multi-Gas Monitor



**Product No.:** ST8900

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### FEATURES

A gas detector is a device that detects the presence of gases in an area, often as part of a safety system. This type of equipment is used to detect a gas leak and interface with a control system so a process can be automatically shut down. A gas detector can sound an alarm to operators in the area where the leak is occurring, giving them the opportunity to leave. This type of device is important because there are many gases that can be harmful to organic life.

Gas detectors can be used to detect combustible, flammable and toxic gases, and oxygen depletion, etc. This type of device is widely used in industry and can be found in locations, such as on oil rigs, to monitor manufacture processes and emerging technologies such as photovoltaic. They may also be used in fire fighting.

While many of the standard gas detector units were originally fabricated to detect one gas, modern multifunctional or multi-gas devices are capable of detecting several gases at once. Some detectors may be utilized as individual units to monitor small workspace areas, or units can be combined or linked together to create a protection system

### SPECIFICATIONS

Gas Type	Oxygen / Carbon Monoxide / Hydrothion / Combustible Gas
Measuring range	O <sub>2</sub> : 0~30% VOL CO : 0~999 PPM H <sub>2</sub> S : 0~500 PPM Combustible Gas : 0~100% LEL

Resolution	0.1% / 1μmo/1mol(ppm) / 1%
Measuring Principle	Electrochemical principle, life for 2 years
Response Time	<50s
Warm-Up Time	<20s
Alarm	Sound, Light Alarm. Adjustable Alarm values, Alarm sound up to 80 db.
Operating temperature	-10~50°C
Operating humidity	15%-95%RH (Standard)

## PACKING INFORMATION

Power	3.7V li-battery
Product Net Weight	249g
Product Size	140 * 75 * 43mm
Packing	Gift Box
Standard Carton Size	25.5 * 21 * 5.5cm
Standard Carton Gross Weight	753g