

# SKY2000-M5 MULTI 5 IN 1 GAS DETECTOR



SKY2000 series 5 in 1 gas detector is a kind of fast response and high accuracy multi gas measurement device. With internal sampling pump, fast sampling speed, and available for measuring 5 gases at the same time, including 4 toxic gases and CO<sub>2</sub> gas. Special high intensity engineering plastics housing, suitable for different kinds of situation and environment.

## Key features

### Fast response & high accuracy

- with internal sampling pump, response time  $\leq 30s$
- using world top brand sensors, high precision, the detection result is approved by the third testing organization at once.

### Multi gases measurement

- Can measure up to 6 gases at the same time, including four toxic gases and CO<sub>2</sub> gas, the four toxic gases are available for customization, which can meet the detection requirement of different situation.

### Comprehensive functions

- gas concentration unit PPM and mg/m<sup>3</sup> can be shifted by one press.
- With Self-calibration and zero calibration functions, making the detection more accurate and reliable.
- One press to restore factory setting, free from the bother of mis-operation

### Alarm mode

- Alarm with light, sound and vibration, ensuring the safety of the users.
- Alarm point is settable according to the specific requirements.

### Data logging

- Storage capacity of over 100000 sets, the historical detected data can be read on the detector quickly.

### Long operation time

- High capacity of lithium polymer rechargeable battery, for toxic gas: 14h continuously. For combustible gas: 10 h continuously.

### High quality case

- Special high intensity engineering plastics housing, suitable for different kinds of situation and environment
- IP65 protection degree, water-proof, dust-proof, explosion-proof

### Industry

**Application:** Confined Space, Combustible Detection, Oxygen Detection, Toxic Detection

**Situation:** Furniture, wallpaper, coating, papermaking, pharmacy, health care, disinfection, chemical fertilizer, livestock farm, green household, agricultural production.

## Specification

<b>Sampling</b>	With internal sampling pump, flow rate is up to 1L/min
<b>Precision</b>	≤±3%F.S. (higher precision is available)
<b>Response Time</b>	≤10S
<b>Zero shift</b>	≤±1% (F.S./year)

<b>Display</b>	LCD dot matrix display, with display of gas type, real time gas concentration, battery power, time, gas unit.
<b>Temperature</b>	-20°C~50°C
<b>Humidity</b>	0-95%RH (non-condensing)
<b>Explosion-Proof</b>	ExibIICT4
<b>Degree of protection</b>	IP65
<b>Alarm</b>	<p>Sound: 85dB</p> <p>Light: LED, low alarm: blue, high alarm: red</p> <p>Vibration: the detector will vibrate when powered on</p> <p>Alarm point is settable according to customer requirement.</p>
<b>Battery</b>	3.6V 2300mAh lithium polymer rechargeable battery, operate time is about 12h continuously, charging time: 4-6 h
<b>Dimensions</b>	205x75x32mm
<b>Weight</b>	330g
<b>Approval</b>	CE, CNEX explosion proof certificate, CMC(China Metrology Certification)
<b>Warranty</b>	12 months