

# SKY6000 SO2 GAS DETECTOR

SKY6000-SO2 is a kind of portable gas detector with high efficiency, rapid and accurate detection. With miniature vacuum pump, efficient filtration device, the sensor signal remains stable and reliable even in harsh environments. With flashlight lighting function, the operation in mining environment or confined space is more convenient.



## Key Features

3.5-inch large screen display, beautiful appearance, independent patent structure design With a 3.5-inch high-definition color screen, 150 degrees wide viewing angle.

The air inlet is equipped with a dustproof filter as a standard. It can be applied to the humid and dusty monitoring environment. The novel air chamber structure makes the detection faster and obtains the relevant structural design patent.

### Flashlight function, fall alarm function

The flashlight function illuminates the darkness for certain workplaces, making downhole operations easier; optional fall alarm function make sure greater safety for underground workers

### Multi-gas test, display mode can be switched

The instrument can simultaneously detect up to 1-5 gases

Gas concentration data display, gas concentration real-time curve display mode can be switched easily

### Flexible and adjustable pump delivery system, multi-layer filter

Built-in gas sampling pump, the pump's flow rate is adjustable in ten speeds, which can be customized for different detection environments. The instrument has three layers of filtering devices to efficiently filter oil, water, dust and other impurities. Even in the most demanding industrial environment, test results can still be trusted

## COMPREHENSIVE FUNCTIONS

Mini vacuum suction pump with stable flow, long life and low noise

Standard storage function, can store 10,000 sets records, history data can be views on instrument and download to computer

Gas display units can be switched freely, the concentration value is automatically converted by the system

Chinese and English language

With timed shutdown function, intelligent settings

Sensor overload automatic protection function

With Micro-USB charging interface design, can be charged anytime, anywhere with common data lines and mobile power

Optional fall alarm function to ensure the safety of underground workers

Optional external portable Bluetooth printer which can realize mobile printing

One-click screen capture function, save test data and curve in picture form

Built-in wireless communication module, users can view detection data on the computer web and mobile phone, can realize real-time viewing and monitoring of test data on small programs for security control (optional)

Optional 360-degree bending and non-deformable suction probe, detachable, longer than 130mm

The suction probe adopts double-layer pipeline with PTFE layer inside, which does not adsorb any gas. Plus spring protection layer

**Industry**

**Application:** Industrial Hygiene, Oil & Gas, Benzene-Specific Measurements, Environmental Testing, Fire & Hazmat, Paints, Adhesives & Printing, Degreasers, Heat Transfer Fluids, Industrial Solvents, Pulp Mills

Indoor Air Quality (IAQ)

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

**Specification**

<b>Detecting gas</b>	SO2 Sulfur dioxide
<b>Measure range</b>	0-10,0-20,0-50,0-100,0-500,0-1000,0-2000,0-5000ppm (Measure range is optional and customerized)
<b>Precision</b>	≤±2%F.S. (higher precision is available)
<b>Zero shift</b>	≤±1% (F.S./year)
<b>Principles</b>	electrochemical
<b>Resolution</b>	0.001ppm,0.01ppm,0.1ppm,1ppm
<b>Temperature &amp; Humidity</b>	-20°C~+50°C (Optional flue gas sampling probe, which can detect up to 1200°C) 0-95%RH (non-condensing)

<b>Explosion-Proof</b>	ExiaIICT4
<b>Sampling</b>	Built-in pumping sampling, selected high-quality micro pump, low noise, low vibration, stable suction
<b>Alarm</b>	Buzzer, light and alarm status prompt on the display, low battery alarm
<b>Battery</b>	3800mAh rechargeable lithium battery
<b>Dimensions</b>	170*75*41mm (H x W x D) (without probe and filter)
<b>Weight</b>	400g
<b>Approval</b>	CE, CNEX explosion proof certificate, CMC(China Metrology Certification)
<b>Warranty</b>	12 month