

SKY2000-TRACE O2 GAS DETECTOR

Product Model: SKY2000-Trace O2

SKY2000-Trace O2 oxygen gas detector is a kind of fast response and high accuracy gas measurement portable device. With internal sampling pump, fast sampling speed and high flow rate, ensuring the response time of the detector. Unique design, small size and easy to carry with. Special high intensity engineering plastics housing, suitable for different kinds of situation and environment. We dedicate to provide you the most reliable, accurate and the safest solution of gas detection.



Product advantages

Employing original imported first-class brand sensor.

(optional) High speed data transmission by USB, which can download and print data.

The instrument has a fast zeroing time, taking only 30 minutes from air (20.93% vol) to 150ppm

LCD dot matrix display, the gas type, unit, concentration, local time can be showed on the screen.

Support Chinese and English operation, easy to shift.

The gas concentration unit PPM and mg/m³ can be shifted quickly.

Built-in micro sampling pump, 10 grades of suction are available.

Explosion-proof certification, explosion-proof grade: Ex ia IIC T4 Ga

Functions

Monitor the specified gas concentration in environment and enclosed space and alarm.

With Self-calibration and zero calibration functions, makes the detection more accurate and reliable.

One press to restore factory setting, free from the bother of mis-operation
With temperature and pressure compensation, this is able to realize gas concentration compensation under conditions of different temperatures or pressures.

Two-stage alarm with sound and light, alarm point is settable.

Rechargeable lithium polymer battery of large capacity.

Employing pumping sampling method and the pumping suction is adjustable.

Special engineering plastic housing of high intensity, anti-skip ping, water-proof, dust-proof, explosion-proof.

Elegant and exquisite aluminum alloy suitcase SKY2000 trace oxygen detector

Specification

Sampling	With internal sampling pump, flow rate is up to 1L/min
Data logging	Data logging with adjustable interval, and available for data downloading to PC through USB cable.
Gas	Oxygen / O ₂
Measure Range	0-1000/5000/10000 ppm
Resolution	1ppm
Precision	≤±2%F.S.

Response Time	T90<30S (25°C)
Indication error	50ppm-1000ppm, ±5%FS ; 50ppm-5000ppm, ±3%FS ; 50ppm-10000ppm, ±2%FS
Signal Output (optional function)	High-speed data transmission by USB, available for data downloading and printing
Temperature	-20°C~50°C
Humidity	0-90%RH (non-condensing)
Explosion-Proof	Ex ia II CT4
Degree of protection	IP66
Alarm	Sound, light, vibration
Operating time	100h (pump off)
Dimensions	205*75*32mm
Weight	300g
Approval	CE, CNEX explosion proof certificate, CMC (China Metrology Certification)
Instrument lifespan	Sensors for 2-3 years, instruments for no less than 5 years