

Portable Odor gas detector



SKY3000–Odor

Product overview


SKY3000–Odor is designed specially for odorization control of natural gas application, to measure THT or TBM leakage or their concentration in natural gas. Using selective sensors makes the measurement safe and fast. 3 button operation with clear menu structure, with standard datalogger function, SKY3000 odor impresses with its easy operation design. With built-in pump, SKY3000–Odor is able to feed directly with the sample gas by hose. The result can be read off in mg/m³ or PPM which is switchable.

Product Advantage

- IP67 water & dust resistant and 3 meter drop resistant case, rugged and durable designs.
- 5 types alarm including man-down alarm.
- Real time value, TWA, STEL, MAX, MIN multiple data display
- Combine Charger Dock and IR link, no need to buy optional accessory for datalogger
- Flippable screen can rotate 180°
- Standard water trap filter to protect the sensor
- 8 red LED indicator, sound and vibration alarm
- Wireless data transmission including Lora, Bluetooth (Optional)
- Support backlight function the backlight time can be manually set
- Low power consumption, long stand by time
- Aluminum suitcase, convenient for carrying



Technical parameters

Gas Detected:	TBM or THT
Detection Principle:	Electrochemical
Measure range:	0–50mg/m ³ or 0–100mg/m ³
Resolution:	0.1mg/m ³
Response time:	≤50 s at 2 min gas exposure
Precisiion:	≤ ±5% of full scale
Language:	Chinese/English/Russian/Polish (More language can be customized)
Automatically test and calibrate after power-on:	Including reset, maximum value (MAX), minimum value (MIN), STEL, TWA value
Unit:	PPM, mg/m ³ , %LEL, %VOL
Disaply:	LCD (160 x96) ,180° flippable
Backlight:	Turned on automatically when alarming, the backlight time can be manually set
Data record:	100,000 readings, the storage interval is adjustable from 5 to 3600 seconds, data can be exported to PC no need software
Alarm:	95dB@30cm buzzer alarm, flashing red LED alarm and vibration alarm. Alarm status indication on the screen, alarm latched; diagnostic alarm and battery under-voltage alarm, pump failure alarm; man down alarm
Battery:	3.7V rechargeable lithium battery, battery capacity 2200mA
Battery running time:	15 hours
Charger:	Travel charger with DC interface, charging time ≥ 4 hours
Working temperature:	-20℃ ~+50℃
Explosion-proof grade:	IECEX: Ex ia IIC T4 Ga ATEX :  II 1G Ex ia IIC T4 Ga
Humidity:	10~90%RH (no condensation)
Certification (EU regulations):	2004/34/UE (ATEX)
Protection grade:	IP67
Environmental pressure:	86~106Kpa
Size:	157*84.5*59.5mm (including back clip/ filter) (length * width * height)
Weight:	365g (including battery, back clip and filter)
Warranty:	One year based on production date