

Gas Analyzer

SKY8000-AQ
air quality gas analyzer



SKY8000-OU
odor gas analyzer

SKY8000-EM
emission gas analyzer



SKY8000-M
Multi gas analyzer

SKY8000

Portable Gas analyzer

Product overview

SKY8000 series gas analyzer is a data collector which can quickly acquire and analyze gas concentration components in factory, scientific research, university and complex working environment. There are 4 different version to support different applications including SKY8000-M gas analyzer to monitor gases in ambient environment; SKY8000-AQ air quality gas analyzer to monitor gases, particle counter, dew point, temperature and humidity; SKY8000-OU odor gas analyzer to monitor H2S, NH3, odor; SKY8000-EM emission gas analyzer to monitor high gas concentration gases in flue gas environment.

Product Advantage

- Support to monitor 1-18 gas types
- 3.5-inch color LCD display support both real time data and chart, user friendly
- Built-in pump gas sampling, faster response.
- Equipped with multi-layer filtering, protect sensor from oil, water vapour, dust.
- Standard 32G SD memory card to store and export data by U-disk easily
- Support Lora and other wireless communication (Optional)
- Support built-in printer for real time data printing (Optional)
- High temperature, high humidity environment measurement (Optional)



Technical parameters

Gas Detected:	O2, CO2, CO, NO, NO2, SO2, VOC, et to be specified according to application.
Detection Principle:	Depend on gas type and application.
Measure range:	Specified according to application.
Resolution:	Specified according to application.
Display:	Gas formula, real-time data, real-time curve, battery, time, pump condition, wireless status, printer status
Alarm:	Buzzer, red LED and alarm status on the display, fault alarm, pump abnormal alarm, low battery alarm
Data storage :	Independent SD memory card, standard 16G 32G, measurement data can be record automatically, customizable record time interval.
Data transmission:	RS485 signal output, USB interface data transmission, with PC software, can download storage, analyze and print data
Print function (Optional):	Optional with internal portable printer or external bluetooth printer
Print content (Optional) :	Text, graphics, one-dimensional code, two-dimensional code, curves, characters, etc.
Charger:	Standard Mini-USB charging port. With 13V/2A special charger (built-in printer) or 5V/2A universal charger (external printer)
Language:	Chinese/English
Network frequency :	2.4G high frequency.
wireless transmission distance:	Bluetooth is less than 10m, and WIFI outdoor single point is less than 500m.
Battery :	Large capacity rechargeable lithium battery, 5400mAh/11.1V (internal printer type) or 10000mAh/3.7V (external printer type) working hours are more than 32h with single gas and 24h with six gases together
Precision:	≤ ± 2%F.S (Higher precision can be customized)
Pump flow rate:	500 cc/Min
Working Humidity :	0 ~ 95%RH (no condensation) (optional filter device is available if high humidity)
Temperature:	-40°C ~ +70°C , Optional gas sampling gun, can detect up to 1200 degrees gas concentration
Screen :	3.5-inch hd LCD screen with resolution 320* 480
IP grade:	IP66
Explosion-proof :	Ex ic IIC T3 Gc
Warranty:	12 months
Size:	(HxWxD) 260*230*120mm
Weight:	3700g