

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:	CO,CO2,SO2,NO2,H2S,NH3,PM2.5,PM10
Detection Principle:	Electrochemistry(CO,SO2,NO2,H2S,NH3),Infrared Ray(CO2),Laser(PM2.5,PM10)
Measure range:	CO:0-10ppm,CO2:0-5000ppm,SO2:0-5ppm,NO2:0-5ppm,H2S:0-5ppm,NH3:0-10ppm,PM2.5/PM10:0-1000ug/m3
Resolution:	1ppm(CO2),0.001ppm(CO,SO2,NO2,H2S),0.01ppm(NH3),1ug/m3(PM2.5,PM10)
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, low battery alarm
Data storage :	Independent SD memory card, standard 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) :	Date, Time, Gas, Concentration, Stat, Unit
Charger:	Standard Micro-USB charging port. With 9V/2A charger
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, 5200mAh 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:	500ML/Min
Working Humidity :	0 ~ 95%RH(no condensation)(optional filter device is available if high humidity)
Temperature:	-40℃~+70℃ , 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