YT-1200H-S-EX GAS DETECTOR

YT-1200H-S-EX flammable gas detector is kind of mini size and high accuracy portable multi gas detector. Easy to operate, comprehensive functions, can measure flammable and combustible gas, and other multi gases are available for customization. The detector is with back clip, protected by silicone case, suitable for different kinds of situations.

Key Features

High accuracy & Reliable

Diffusion type, can add external sampling pump, meet the demand of different situation.

Using world first brand sensors, high precision, the detection result is approved by the third testing organization.

Mini size, protected by case

Mini size, can be clipped on the belt or helmet.

Protected by silicone case, drop tested to 4m, water-proof, dust-proof, explosion-proof.

Multi gases measurement

Can measure up to four kinds of gases at the same time, like carbon monoxide, hydrogen sulphide, flammable gases and oxygen, other multi gases are available for customization.

Comprehensive functions

gas concentration unit PPM and mg/m3 can be shifted by one press.

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

One press to restore factory setting, free from the bother of mis-operation

One press to check the battery and voltage

Long operation time

High capacity of lithium polymer rechargeable battery, for toxic gas: 14h continuously. For combustible gas: 10 h continuously.

Data storage

Can record 100 sets alarm data, alarm record can be checked on the device.

Can record 100000 sets detected data and 10000 sets alarm data, historical data can be checked on the device. **(optional function).**

Alarm mode

– Alarm with light, sound and vibration, the alarm sound can be turned on or off.

– Alarm point is settable according to the specific requirements.

Industry Application: Confined Space, Combustible Detection, Oxygen Detection, Toxic Detection

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

Specification

Sampling	Diffusion, available for external sampling pump
Data logging	Data logging with adjustable interval, and available for data downloading to PC through USB cable.
Gas	EX/LEL flammable gas
Measure Range	0-100%LEL

Resolution	1%LEL
Precision	≤±3%F.S. (higher precision is available)
Zero shift	≤±1%（F.S./year）
Display	LCD dot matrix display, with display of gas type, real time gas concentration, gas unit.
Backlight	Time of backlight is settable, when alarm the backlight will be auto on.
Temperature	-20℃～50℃
Humidity	0-95%RH (non-condensing)
Explosion-Proof	ExiaIICT3
Degree of protection	IP65
Alarm	Sound: 85dB Light: LED, low alarm: blue, high alarm: red Alarm point is settable according to customer requirement.
Battery	3.6V 2300mAh lithium polymer rechargeable battery, for toxic gas: 14h continuously, for combustible gas: 10 h continuously, charging time: 4-6 h
Dimensions	131x83x35mm
Weight	240g
Approval	CE, CNEX explosion proof certificate, CMC(China Metrology Certification)
Warranty	12 months