

PORTABLE GAS DETECTOR

H2000



Version:1.1.2201



PORTABLE 4 GAS DETECTOR H2000

H2000 is portable 4 gas detector for LEL, O₂, H₂S, CO, gas type is customizable. Based on advanced sensor technology and IP66, it makes you more confident in harsh environments. You can check the alarm record on the detector.



Sound, Light,
Vibration

PC+ABS+Rubber
Drop Protection



dib Design
IP66

Advanced Sensors
Fast Response



Rechargeable
Type-C USB

Compact Design
Easy to Go



Specifications

Description	H2000
Function	
gas detected	CH4、O2、CO、toxic gas
measure range	see QUICK-SELECTION-TABLE
response time*	T90≤30/60/180S
accuracy*	≤±5%FS
repeatability*	≤2%FS
sampling method	diffusion
Electric	
battery	rechargeable Li-battery 1800mAh, nominal voltage 3.7V
continuous operation	≥9h
charging time	4-6h
Alarm	
alarm method	sound,LED light,vibration
sound intensity	≥90dB
Display and Operation	
display	TFT Color display screen
button	3 (UP、DOWN、ENTER)
Environment	
ingress protection	IP66
operating temperature*	-20°C~60°C
operating humidity	10~95%RH non-condensing
operating pressure	80-120kPa
Structure	
body material	PC+ABS
weight	200g
dimensions	66X127X46mm
Certificates	
EX	Exdib II CT4 Gb

Note:* refers to there's some difference vary from different gas, please contact the manufacturer for details.

QUICK SELECTION TABLE -- GAS DETECTED

NO.	Gas	Measure range	Resolution
1	O2	0-25%VOL	0.1%VOL
2	CO	0-1000ppm	1ppm
3	H2S	0-100ppm	1ppm
4	SO2	0-20ppm	0.1ppm
5	H2	0-1000ppm	1ppm
6	CL2	0-10ppm	0.1ppm
7	NH3	0-100ppm	1ppm
8	HCL	0-30ppm	0.1ppm
9	NO	0-250ppm	1ppm
10	NO2	0-20ppm	0.1ppm
11	ETO	0-20ppm	0.1ppm
12	CH4	0 ~ 100%LEL	1%LEL

Note: 1, Any gas or measure range that not mentioned above, just contact AIYI Technologies for further information; 2, 1 μ mol/mol=1ppm

Disclaimer: All pictures, configurations and parameters in this document are for reference only. There may be differences with the actual products. Any difference is subject to the latest real products.