

AIYI Technologies

PORTABLE GAS DETECTOR

H1600



Version : 1.1.2201

PORTABLE SINGLE GAS DETECTOR H1600



Sound, Light,
Vibration

PC+ABS+Rubber
Drop Protection



ia Design
IP66

Advanced Sensors
Fast Response



Rechargeable
2 Weeks Operation

Compact Design
One Button



H1600 portable gas detector can detect toxic gases such as oxygen, H₂S, ammonia, carbon monoxide. This gas detector is a one of the world smallest detectors (63W x 64H x 43D mm). Based on the advanced intrinsically safe 'ia' design, and the IP66 ingress protection, H1600 can keep you safer. By supporting type-C USB technology, the alarm record can be easily upload.

Specifications

Description	H1600
Function	
gas detected	toxic gas、O ₂
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 750mAh, nominal voltage 3.7V
continuous operation	around 14 days
charging time	3-5h
Alarm	
alarm method	sound,LED light,vibration
sound intensity	≥90dB
Display and Operation	
display	LCD
button	1 (POWER)
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	about 110g
dimensions	63W x 64H x 43D mm
Certificates	
EX	Ex ia II CT4 Ga

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

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



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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.