

Portable Gas Detector Model CS2000 Series

MAKING INSTALLATION AND EVERYDAY OPERATION EASY

with an extensive range of options available



CS2000 series gas detector is portable size with high accuracy portable multi gas detector. Easy to operate, comprehensive functions, can measure 4 common gas hazards: carbon monoxide, hydrogen sulfide, flammable gases and oxygen depletion , other multi gases are available for customization. The detector is with back clip , protected by silicone case, suitable for different kinds of situations.



Specifications

Sampling method	Diffusion and Pump Option
Detected gas	Listed below
Detection principle	Electrochemistry, infrared ray, catalytic combustion, PID photo ionization
Measure range	Various range available according to the target gas and the sensor
Resolution	According to sensor and measure range
Precision	According to sensor. 1-5%F.S.
Unit	ppm, mg/ m3, %VOL, %LEL
Display	Monochrome dot matrix 128*128LCD graphic display
Backlight	Time of backlight is settable, when alarm the backlight will be auto on
Data recording	Storage capacity of over one hundred thousand sets
Alarm recording	Can record 10000 set alarm record, the record can be checked on the device
Language	English
Alarm type	Sound, light, and vibration
Battery	3.7V rechargeable lithium battery, with capacity of 2300mAh.
Working Time	14h continuously (common 4 gases) and 200h (without LEL sensor)
Charger	Travel charger with USB, Charging time : 4-6hr
Explosion proof	Exia II CT4
Protection grade	IP65
Operating temperature	-20°C to 50°C
Operating humidity	0-95%RH Non-condensing
Housing Material	ABS+leather case
Dimension	131*83*35mm
Weight	240g

Normal gas types and parameters (Other gases are not listed can be customized)

Detected gas	Measure Range	Optional ranges	Resolution	Response time
Flammable gas (EX)	0-100% LEL	0-100%VOL	0.1LEL/0.1%VOL	≤10S
Oxygen (O2)	0-30%VOL	0-25%VOL	0.01%VOL/0.1%VOL	≤10S
Carbon monoxide(CO)	0-1000ppm	0-2000ppm	0.1ppm/1ppm	≤10S
Hydrogen sulfide(H2S)	0-100ppm	0-1000ppm	0.01ppm/0.1ppm	≤10S
Ammonia(NH3)	0-100ppm	0-200ppm	0.01ppm/0.1ppm	≤10S
Chlorine(CL2)	0-10ppm	0-100ppm	0.01ppm/0.1ppm	≤10S
Hydrogen Chloride(HCL)	0-20ppm	0-100ppm	0.01ppm/0.1ppm	≤10S
Nitric oxide(NO)	0-100ppm	0-250ppm	0.01ppm/0.1ppm	≤10S
Nitric oxide(N2O)	0-20ppm	0-100ppm	0.01ppm/0.1ppm	≤10S
Formaldehyde(CH2O)	0-10ppm	0-50ppm	0.01ppm/0.1ppm	≤10S
Ozone(O3)	0-10ppm	0-100ppm	0.01ppm/0.1ppm	≤10S
Carbon dioxide(CO2)	0-2000ppm	0-100%VOL	1ppm/0.01%VOL	≤10S

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