

Flammable and Toxic Gas Detector

Model: SGD-2000

Gas List:

Item	Target Gas	Range	Optional Range	Accuracy	Sensor Type	Response time sec
1	Combustible Gas	0-100 %LEL	100 %LEL	<±3%	Catalytic	<10
2	Combustible Gas	0-100 %LEL	100 %VOL	<±3%	IR	<20
3	VOC	0-1000 ppm	0-2000 ppm	<±3%	PID	<5
4	O ₂	0-30 %VOL	0-25 %VOL	<±0.1%	Electro-Chemical	<15
5	CO	0-1000 ppm	0-2000/3000/5000 ppm	<±3%	Electro-Chemical	<25
6	SO ₂	0-20 ppm	0-50/100/200/2000 ppm	<±3%	Electro-Chemical	<45
7	NO ₂	0-20 ppm	0-50/100 ppm	<±3%	Electro-Chemical	<30
8	Cl ₂	0-20 ppm	0-50/100 ppm	<±3%	Electro-Chemical	<60
9	H ₂ S	0-100 ppm	0-200/500/1000 ppm	<±3%	Electro-Chemical	<35
10	NH ₃	0-100 ppm	0-200/300/500/1000 ppm	<±3%	Electro-Chemical	<90
11	H ₂	0-1000 ppm	0-200 ppm	<±3%	Electro-Chemical	<70
12	O ₃	0-100 ppm	0-500 ppm	<±3%	Electro-Chemical	<45
13	NO	0-250 ppm	0-500 ppm	<±3%	Electro-Chemical	<30
14	HCl	0-20 ppm	0-50/100 ppm	<±3%	Electro-Chemical	<70
15	HCN	0-100 ppm	100 ppm	<±3%	Electro-Chemical	<20
16	HF	0-20 ppm	0-50/100 ppm	<±3%	Electro-Chemical	<120
17	ClO ₂	0-20 ppm	0-50/100 ppm	<±3%	Electro-Chemical	<60
18	COCl ₂	0-1 ppm		<±3%	Electro-Chemical	<120
19	CH ₂ O	0-100 ppm	0-200/1000 ppm	<±3%	Electro-Chemical	<120
20	ETO	0-100 ppm	0-200 ppm	<±3%	Electro-Chemical	<120
21	CO ₂	0-5000 ppm	0-100 % Vol	<±3%	IR	<20
22	N ₂ O	0-1000 ppm		<±3%	IR	<20

- For Hydrocarbons such as Methane, Ethane, Propane, Butane and etc, IR sensor of Item 2 and Catalytic sensor of Item 1 can be selected
- For Hydrogen Catalytic sensor of Item 1 can be selected.