

GS40



Features

- Solid, durable as well as compact.
- Extra-large LCD display, easy for reading with extra-brilliant backlight.
- Extra-high capacity battery, promises working continuously for a long time.
- Extra-loud buzzer, extra-bright LED and high capacity vibrating motor.
- Case protection classification can be ranked up to IP65.



Specifications

Part No.	90004000
Gas Detected	4 kinds of gas simultaneously
Sampling Method	Diffusion(or with sampling pump)
Gas Sensor	Electrochemical sensor
	Catalytic sensor
	Infrared sensor
	PID sensor
Power	High capacity Li-polymer battery
	Voltage, 3.7V
	Capacity, 1100 mAh
Run Time	12 hours
Display	Displayed with large screen LCD
Alarm method	Sound, light and vibration alarms
Record (Optional)	Data recording time: 1000 hours
	Data recording interval: 1 minute
Protection Classification	IP65
Environment Temperature	-20°C ~ 50°C
Environment Humidity	15%~ 95% relative humidity (standard)
Explosion-Proof	Ex ia IIC T6 or Ex ib I
Size	95mm*50mm*22mm (length*width*height)
Weight	210 g
Materials of the cases	High intensity PC and antistatic rubber

For more information, please contact Ennix Technology at info@ennix-gas.com.

Gas detected	Sensor Principle	Measure Range	Definition Rate	Response Time	Location
Combustible gas(LEL)	Catalytic	(0~~100) %LEL	1%LEL	30s	Sensor2
Combustible gas(LEL)	Infrared	(0~~100) %LEL	1%LEL	30s	Sensor2
Methane(CH ₄)	Infrared	(0~~5.00) %Vol.	0.01%Vol.	30s	Sensor2
		(0~~100) %Vol.	0.1%Vol.	30s	Sensor2
Oxygen(O ₂)	Electrochemical	(0~~30.0) %Vol.	0.1%Vol.	30s	Sensor3
Carbon Monoxide(CO)	Electrochemical	(0~~2000)ppm	1 ppm	30s	Sensor0,1
Sulfureted hydrogen(H ₂ S)	Electrochemical	(0~~500,1000)ppm	1 ppm	30s	Sensor 0,1
Sulfur dioxide(SO ₂)	Electrochemical	(0~~100.0) ppm	0.1 ppm	30s	Sensor 0,1
Nitrogen dioxide(NO ₂)	Electrochemical	(0~~100.0) ppm	0.1 ppm	30s	Sensor 0,1
Chlorine(Cl ₂)	Electrochemical	(0~~100.0) ppm	0.1 ppm	30s	Sensor 0,1
Hydrogen cyanide (HCN)	Electrochemical	(0~~30) ppm	0.1 ppm	30s	Sensor 0,1
Hydrogen(H ₂)	Electrochemical	(0~~2000) ppm	1 ppm	30s	Sensor 0,1
Ammonia(NH ₃)	Electrochemical	(0~~100) ppm	1 ppm	60s	Sensor 0,1
Hydrogen fluoride(HF)	Electrochemical	(0~~10.0) ppm	0.1 ppm	50s	Sensor 0,1
Phosphine(PH ₃)	Electrochemical	(0~~1000) ppm	1 ppm	30s	Sensor 0,1
Organic vapor(VOCs)	PID	(0~~1000) ppm	1 ppm	30s	Sensor 2
Hydrochloric acid (HCl)	Electrochemical	(0~~100.0) ppm	0.1 ppm	30s	Sensor 0,1
Ozone (O ₃)	Electrochemical	(0~~30.0) ppm	0.1 ppm	30s	Sensor 0,1
Carbon Dioxide(CO ₂)	Infrared	(0~~5%,20%,40%,100%)Vol.	0.1%Vol.	30s	Sensor2
Formalin(CH ₂ O)	Electrochemical	(0~~30.0) ppm	0.1 ppm	40s	Sensor 0,1

Note: GS40 Gas Detector can be installed with up to 4 sensors at the same time. Sensor Location of Sensor 0,1 can be installed with electrochemical sensor. Sensor Location of Sensor 2 can be installed with catalytic sensor, infrared sensor or PID sensor. Sensor Location of Sensor 3 is specially used for installing oxygen sensor. Please contact local agent or Ennix Technology before ordering for more information.