

GC90 Stand-Alone Gas Detector

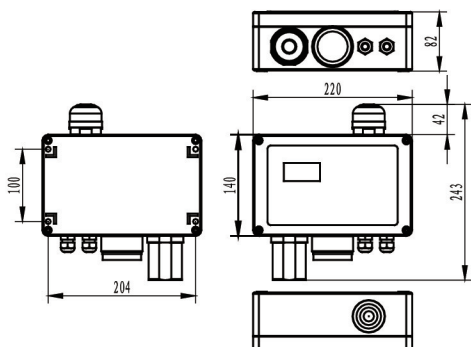
- Designed with the latest international technology
- All GC90 are manufactured in accordance with the EN European standards

Features

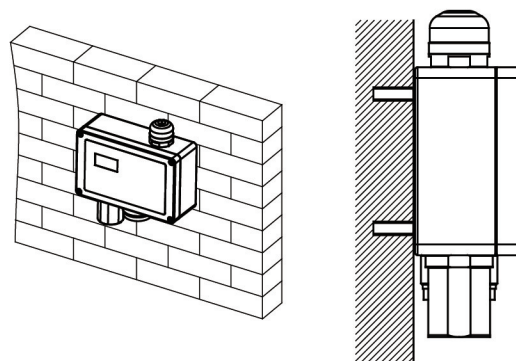
- **Ease to operate**
 - Infrared remote controller
 - Protection class: IP66
 - One man operation
 - Ultra-large clear LCD screen display
 - Adjustable 2 grades relay output
 - Strong electromagnetic shielding
 - Rugged casing
- **Cost effective**
 - Competitive price
 - Reduced installation cost
 - Low maintenance cost
 - Easy training
- **High performance**
 - 4-20mA signal output
 - Working power: 165VCA~265VCA
 - Catalytic combustion sensor for combustible gas
 - Electrochemical sensor for toxic gas
 - Designed with latest international sensor technology
 - 120 db sound alarm
 - Fast and accurate response
 - All sensors from European origin
- **Large range of sensors**
 - H₂S, CO, O₂, EX, CL₂, NO, NO₂, SO₂, H₂, HCL, O₃, PH₃, HCN, NH₃...
- **Warranty**
 - 1 year



Dimensions



Installation

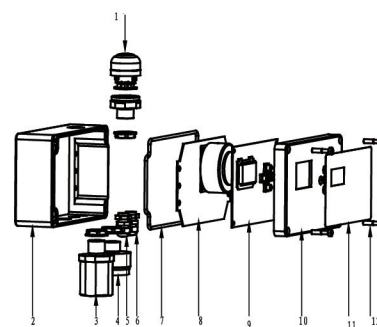


Performance parameters

	Range	Resolution	Instant alarm		Response time (T ₉₀)
			Low alarm	High alarm	
H ₂ S	100 ppm	1 ppm	10 ppm	15 ppm	<45S
	1000 ppm	1 ppm	50 ppm	100 ppm	<45S
CO	1000 ppm	1 ppm	50 ppm	300 ppm	<25S
	2000 ppm	1 ppm	50 ppm	300 ppm	<50S
SO ₂	20.0 ppm	0.1 ppm	2.0 ppm	10.0 ppm	<30S
O ₂	30 %vol	0.1 %vol	19 %vol	23 %vol	<30S
EX	100%LEL	1%LEL	20%LEL	40%LEL	<30S
NO	300 ppm	1 ppm	25 ppm	50 ppm	<30S
NO ₂	20.0 ppm	0.1 ppm	3.0 ppm	5.0 ppm	<40S
CL ₂	20.0 ppm	0.1 ppm	1.0 ppm	2.5 ppm	<40S
HCL	20.0 ppm	0.1 ppm	5.0 ppm	10.0 ppm	<60S
H ₂	1000 ppm	1 ppm	200 ppm	500 ppm	<60S
NH ₃	100ppm	1 ppm	25 ppm	50 ppm	<40S
	1000 ppm	1 ppm	25 ppm	50 ppm	<40S
HCN	50.0 ppm	0.1 ppm	5.0 ppm	10.0 ppm	<40S
O ₃	1.00 ppm	0.01 ppm	0.1 ppm	0.2 ppm	<60S
PH ₃	5.0 ppm	0.1 ppm	0.3 ppm	1.0 ppm	<30S

* All the alarm points are default at work, adjustable according to user needs.

Structure



ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	Alarm light	7	Seal ring
2	Bottom cover	8	Circuit board
3	Sensor assembly	9	LCD display
4	Buzzer	10	Front cover
5	Waterproof connector	11	Front cover
6	Waterproof connector	12	Fastening screw

Order information

P/N	Product	Range	P/N	Product	Range	P/N	Product	Range
A691171H	EX Detector	0-100%LEL	A671101T	NO Detector	0-1000ppm	A6911805	PH ₃ Detector	0-5ppm
A691071T	CO Detector	0-1000ppm	A6911120	NO ₂ Detector	0-20ppm	A6911450	HCN Detector	0-50ppm
A6910530	O ₂ Detector	0-30%VOL	A691161T	H ₂ Detector	0-1000ppm	A691151H	NH ₃ Detector	0-100ppm
A6911220	CL ₂ Detector	0-20ppm	A6911320	HCL Detector	0-20ppm	A691151T	NH ₃ Detector	0-1000ppm
A671101H	NO Detector	0-100ppm	A6910605	O ₃ Detector	0-5ppm			

* Please contact us for other detectable gas range and parameters.

First Safe Engineering Co., Ltd.

Email : Sales@fse-th.com

Tel : 02-998-0988 , 02-047-9977