

# MODEL: HA-GF-310 [Name: Intelligent low-power infrared gas detector]

MODEL: HA-GF-310 Name: Intelligent low-power infrared gas detector	
GAS DETECTION:	flammable/toxic and harmful gases (see attached table)
DETECTION METHOD:	natural diffusion
DETECTION PRINCIPLE:	catalysis; electrochemistry; semiconductor; infra-red; PID
DETECTION RANGE:	0~100%) LEL; 0-****PPM
RESOLUTION:	1% LEL; 1PPM/0.1PPM
DISPLAY:	LCD display with digital display
RESPONSE TIME:	Flammable:<15s; Toxicity:<60s
WORKING ENVIRONMENT:	-40 ℃~70 ℃ (flammable) -20 ℃~50 ℃ (toxic);
HUMIDITY:	<93% RH
OUTPUT SIGNAL:	Total score composite, 4-20mA+HART (low alarm, high alarm, fault switch output)
POWER CONSUMPTION:	≤ 3W
ALARM:	Sound and light alarm
DEBUGGING METHOD:	controller



## MODEL: HA-GF-310

Name:  
Intelligent low-power infrared gas detector

Protection level:  
IP66

Safety Integrity Level:  
SIL3









Explosion-proof mark:  
Exd IIC T6 Gb

 FUNCTIONS FEATURES	<ul style="list-style-type: none"><li>✓ Accurate measurement with minimal zero drift</li><li>✓ Explosion proof design, suitable for use in hazardous areas 1 and 2 under factory conditions</li><li>✓ Wireless remote control technology</li><li>✓ The instrument can be wirelessly transmitted and uploaded to PLC/DCS</li><li>✓ Natural diffusion detection</li></ul>	
	<ul style="list-style-type: none"><li>✓ Two sets of switch signals</li><li>✓ Optional valve well module</li><li>✓ Optional battery module</li><li>✓ Optional wireless transmission module</li><li>✓ Continuous monitoring in confined spaces</li><li>✓ Modular sensors make replacement more convenient</li></ul>	
 DESCRIPTION	HA-GF-310 liquid crystal display gas detector can display and monitor the gas concentration on site in real time. The on-site debugging adopts infrared remote control, and parameter settings can be made without opening the cover. HA-GF-310 gas detector can convert the concentration signal of leaked gas in the air into an electrical signal for remote transmission.	

## Configurable gases

CO, CO2, H2S, O2, NH3, SO2, etc.



Multi-function at a glance			
 CHEMICAL PLANT	 STORAGE	 GAS	 BREW
 FOOD MANUFACTURER	 LABORATORY	 OIL	 COAL MINE

## Sensor types

catalytic, electrochemical,  
infrared, PID, etc.

The equipment is manufactured using high-performance detection components and computer micro-control technology, combined with advanced fully automatic mounting technology.

## PRODUCTDETAILS DISPLAY

- High-performance sensor
- Simple installation
- LCD
- Two-level alarm

