

PORTABLE GAS DETECTOR EST-GC110

EST



PRODUCT OVERVIEW

Portable single gas detector EST GC110 can continuously monitor single gas (Combustible gas, toxic gas, oxygen) density.

The detector inspects single gas (Combustible gas, toxic gas, oxygen) density by natural diffusion and adopts imported electrochemical sensor (catalytic combustion sensor for flammable gas), having good sensibility and excellent reliability.



EST

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Application:

It is widely used in metallurgy, electric factory, chemical, mines, tunnels, underground pipes etc, effectively prevent toxic accident.

Features:

1. Reliable and durable fixed life by the imported sensor
2. Automatic calibration and zero-set
3. Apparent and Clear Display
4. Menu displaying real time and battery capacity, low battery indication and automatic turn-off for low voltage
5. Rapid and effective warning with audible alarm, and extremely bright visual light alarm and vibrating alarm as standard.
6. Advanced self-test of complete functions automatically when turned on
7. 1000 record capacity
8. Alarm for sensor failure
9. Password management to avoid wrong operation;
10. Advanced self- calibration for accuracy.

SPECIFICATION

Model	EST GC110
Detect gas	Single gas (Combustible gas, toxic gas, oxygen)
Sensor	Replaceable temperature-compensated catalytic combustion sensor or electrochemical sensor or infrared sensor
Accuracy	3% F.S
Response time	T90<30s
Operating temperature	-30 ~ + 50 degree
Humidity	<95% RH non-condensing
Voltage	DC3.6V Li-ion battery 1200mAh
Charging time	4h~6h
IP grade	Ip66
Explosive grade	Ex ia IIC T4
Weight	About 120g (including battery)
Dimension	102 mm×56mm×26mm
Duration of operation	Flammable gas < 8 (non-stopped); toxic gas < 300h (non-stopped)
Indication	Large STN LCD indicates real time and system state
Alarm indication	Wide-angled light emitting diode, 85db buzz (the frequency of buzz depends the density), vibrating
Fault indication	Indications of zero-point drift and sensor failure

