

GAS Detector-3101



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Analytical Technologies Limited

An ISO 9001 Certified Company

www.analyticalgroup.net

►► Overview

This product is a single gas or multiple gas detection alarm that can be flexibly configured. It can be equipped with an oxygen sensor, a gas sensor and optionally two toxic gas sensors or any four toxic gas sensors or any single gas sensor.

The detector has a very clear large LCD backlight display, sound and light alarm and vibration prompts, suitable for explosion-proof and toxic gas leakage, underground pipelines or mines, etc., to ensure the safety of the staff to the maximum extent, production equipment Not subject to loss.

The detector shell is made of high-strength engineering materials and composite elastic rubber material. It has high strength, good hand feeling, dustproof and explosion-proof. For user convenience, the instrument is designed with a hook that allows the user to attach the instrument to the belt.

►► Technical performance and parameters

- Special feature
- Imported sensor, stable and reliable performance
- Using high-strength engineering materials, composite elastic rubber material shell
Beep, light, vibration alarm
- Compact, lightweight and sturdy
- Large screen numbers, character display, instantaneous value, peak value, average value display
Self-test for display, battery, sensor, sound and light alarm function when booting or when needed
Regular flashing lights, voice prompts
- can support 1, 2, 3 or 4 gas detection
- Intelligent charging, battery display function in charging mode
- User parameter backup and recovery function, restore factory state function

►► Main Specifications:

Detection method	diffusion
Battery	3.7V polymer lithium ion rechargeable battery
Battery working time	flammable gas works continuously for 8 hours, other gases work continuously for 120 hours
How the sensor works	Oxygen and toxic gases are electrochemical, flammable gases are catalyzed Combustion
Sensor life	flammable gas sensor for three years, oxygen and toxic gas sensing For two years
Display	large screen LCD display
Alarm	sound, light, vibration alarm
Direct reading	instantaneous value, peak value, battery voltage, TWA, STEL
Protection level	IP45
Working temperature	-10_40°C
Working humidity	5-90% RH
Dimensions	126mm(length)×65mm(width)×46mm(thickness)
Weight	200g (with charger)

Gas Detection	Range	Accuracy	Minimum Reading	Respond Time
NO	0-250ppm	<±5%(F.S)	1ppm	≤35
NO2	0-20ppm	<±5%(F.S)	0.1ppm	≤25
Formaldehyde	0-20ppm	<±5%(F.S)	0.01ppm	≤60

Regulatory compliances



Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



Analytical
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1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at Info@analyticalfoundation.org

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

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