



JW-100 CH2O Detector

CH₂O(formaldehyde) is a kind of gas which will cause damage to human body. It exists in many products like chemicals, laminate flooring, particle board, household products, glues, permanent press fabrics, paper product coatings, fiberboard, and plywood. It is also widely used as an industrial fungicide, germicide and disinfectant.

JW-100 CH₂O detector adopt with high performance electrochemical sensors and sophisticated circuit design, it has features like high stability, excellent anti interference ability. When the indoor CH₂O concentration is over the standard, this detector can provide site alarm and remote alarm according to different degrees of CH₂O (connect with alarm host).

Features



Audible and visual alarm



USB Power Supply



Rolling code for anti-crack



Wireless communication with Alarm Host



Anti High-frequency interference

Specifications

Model Name	JW-100 (CH ₂ O Detector)
Working Voltage	DC 5V 1A
Alarm Current	≤ 70mA
Standby Current	≤ 5mA
RF Distance	≥ 30M (open area)
Detect Gas	CH ₂ O
Temperature	0°C ~50°C
Detect Concentration	0~5PPM
Humidity	≤ 95%
Sampling Format	Natural diffusion
Alarm Format	Audible & Visual alarm, remote alarm(work with alarm host)
Sensor	High performance electrochemical sensor
Radio Frequency	915MHz/FSK
Measurement	108*45 mm

Function Introduction

For the first time use, the detector should be powered on and preheated for 5 minute. The Green LED will flash every 500MS during the preheat period. After that, Green LED will turn to normal on. The red LED flashes every 5 seconds when it' s under working status, and it will send out Intermittent light and sound alarm signal. Press the test button on the backside to test the detector.

1. LED Introduction

- POWER LED(**Green**) Normal working status: **Green** color.
- Alarm LED(**Yellow**) Normal working status: **Red** color.

2. Button Introduction

Test button : alarm test

Alarm Instructions

When the concentration of formaldehyde reaches alarm setting value, the detector will give audible and visual alarm.

Alarm condition:

CH ₂ O concentration(mg/m ³)	Detector will give alarm after below duration
0.08~0.2	120
0.2~0.5	60
0.5~1	10
1~	Immediately

Attentions

1* Do not install the detector near door, window or electric fan. The air circulation is fast at these area which will reduce the detector sensitivity.

2* For the first time use, the detector should be powered on for 24 hours to get a better performance.

3* Please clean the detector surface every 3 months to ensure stable performance.

4* Avoid to contact with organic solvents (like silica gel and other adhesive solvent), coating material, medicament, oil or other high concentration gas.

5* Please keep detector away from strong heat or shock.

6* Do not put this detector under high concentration organic gas for longtime, as the sensor zero point might be drifted.

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