

WARNING



Precautions

To ensure accurate
measurement of formaldehyde

- 1 Before using the detector for the first time, please put it in a cool environment and ventilate for eight hours before using.
- 2 Please keep away from high-concentration polluted environment such as alcohol, perfume, oil fumes, etc. under storage.
- 3 If it has not been used for a long time or is exposed to high concentration of polluted gas, the formaldehyde value may drift. Please place the detector in a cool environment and ventilate for eight hours before using it.
- 4 If the detector is not used for a long time, please store it in a dry and ventilated environment.

WARNING

量測說明

- 1 The formaldehyde sensor uses the principle of electrochemistry. It is a sintered chemical layer on the base film, which reacts with formaldehyde in the air to produce a very weak nA *current, and then amplifies the chip to collect signals.
*Nanoampere = 10^{-6} mA
- 2 Because the basic principle is a chemical reaction, it will be affected by other interference gases other than formaldehyde, such as alcohols, hydrocarbons, carbon monoxide and other gases. Common in life such as alcohol which containing ethanol, perfume, cigarettes containing which carbon monoxide, cooking fumes, etc., may cause great interference to the sensor.
- 3 In order to obtain accurate measurement results, when using the monitor please avoid the interference of human activities, such as cooking, smoking, drinking etc. When there is no human interference in the room, close the doors and windows for about 2 hours, and then make the measurement, the data will be more accurate.
- 4 If you are engaged in formaldehyde treatment, do not bring the monitor into the treatment environment. High concentrations of chemical gases will seriously damage the sensor, causing the sensor to be poisoned or even permanently damaged.
- 5 Please also do not directly test the machine with cigarettes, alcohol or formalin solution. If the sensor is poisoned, please place the machine in a cool and ventilated environment as soon as possible, keep it turned on, and leave it for 6-8 hours. If it still cannot be recovered, please contact our customer service in time.
- 6 There are little of chemical gases in the product packaging. When you use it for the first time, please put the machine in a cool and ventilated environment and switch on about 8 hours, which can effectively release the attached charge on the surface of the chemical coating. Note! Switch on the monitor.
- 7 If you have n't used it for a long time, you can place it in the clean outdoor air. After turning it on for 2 hours, calibrate the sensor, and the sensing element will return to the original state.
- 8 The release period of formaldehyde can be as long as 10-15 years. The release concentration is greatly affected by temperature and humidity. Especially in the closed space in winter and the environment with warm wooden floors, formaldehyde will likely exceed the standard again. Please remember to measure periodically to protect your family.

Measurement Instructions