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Instruction Manual

Formaldehyde Monitor with Temperature and Humidity



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Thank you for your purchase of the Formaldehyde Monitor with Temperature and Humidity. Please read the manual carefully before use this product, especially the Safety Notice part. After reading the manual you are highly recommended to keep the manual in a safe place for future reference.

2.1 Power On

Remove the battery door on the back on of the unit. Insert 3xAAA alkaline batteries as shown in figure 1. Close the battery door. The unit also has a USB power interface. You can connect the unit with USB power by a USB cable. Press the button on the top of the unit. It will power on and starts system initializing which lasts around 10 seconds. During initializing period the formaldehyde value shows "--" in display. After that it shows normal number.



[Figure 1]

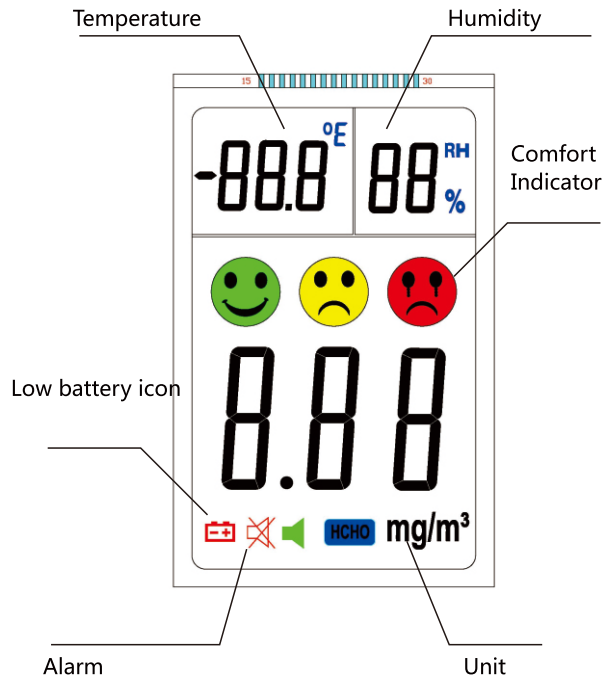
2.2 Power Off

Press and hold the button on the the top of the unit for 2 seconds to power off the unit.



3.1 Display

The full segment display as below figure 2.



[Figure2]

3.2 Formaldehyde Level Measuring

- You can put the unit anywhere in the room to monitor the Formaldehyde Level.
- When the Formaldehyde value is below $0.1\text{mg}/\text{m}^3$ it means the Formaldehyde level is low. The green comfort icon will be on.



- When the Formaldehyde value is higher than $0.1\text{mg}/\text{m}^3$ and below $0.3\text{mg}/\text{m}^3$ it means the Formaldehyde level is high. The yellow comfort icon will be on. The alarm will be activate and beeps at a slow pace. You are recommended to open the door or window for air circulation at this time.
- When the Formaldehyde value is higher than $0.3\text{mg}/\text{m}^3$ it means the Formaldehyde level is dangerously high. The red comfort icon will be on. The



alarm will be activated and beeps at a fast pace. You must open the open the door or window for air circulation at this time.

- If the Formaldehyde level in your room has been long time at high level you are recommend to take suitable measures make it a safe level.

Notice in Formaldehyde Level Measuring



- a. When the unit is firstly powered and starts to display it usually shows a abnormally big number. You need to wait at least 30 minutes in a stable environment for a accurate reading.
- b. To get an objective reading you are recommended to close all the windows and doors for 10 minutes before test. You can also measure in several locations and average the readings.
- c. When you move the unit from one location to another you'd better wait for 10 minutes to get a accurate reading.
- d. Avoid being touch with the following substances or gas in test: alcohol, perfume, H₂S, CO, SO₂, H₂.

3.3 Temperature and Humidity Measuring

This unit measures ambient temperature and humidity. The values are shown as figure 2. Temperature units of degree C and degree F are convertible by pressing the C/F button as show in figure 3.



[Figure 3]

3.4 Turn On/Off the alarm

You can turn on/off the alarm by press the alarm button as shown in Figure 3.

3.5 Sleep Mode

If the unit is powered by alkaline batteries it enters sleep mode after continuously work for 5 minute. In sleep mode the display is very dark to save power. To activate the unit press the button on the top of the unit once. If the unit is powered by USB power it will not enter sleep mode.

3.6. Low Power Indicator

Low power might influence measuring. Please replace batteries when the lower power indicator is on.

Measuring range: Formaldehyde 0.00-3.00mg/m³

Temperature -10°C-60°C Humidity 20-99%

Resolution: Formaldehyde 0.01mg/m³

Temperature +/1°C

Humidity +/-5%

Power supply: 3xAAA alkaline batteries or USB power

Working temperature: -10-45°C

Working humidity: 10-75%

Storage temperature: -10-60°C

Storage humidity: 10-70%

Size: 196x60x30mm

Weight: 128kgs

1. Do not put it in high temperature or high humidity environment.
2. Please take the batteries out if it will not be in use for long time.
3. Please replace the batteries on time when low power icon is showed.
4. Please do not expose the unit to water or fire.
5. Please do not expose the unit in the influence of fans or air conditioners. Otherwise measurement might be influenced.
6. Do not dismantle or repair the unit on your own.