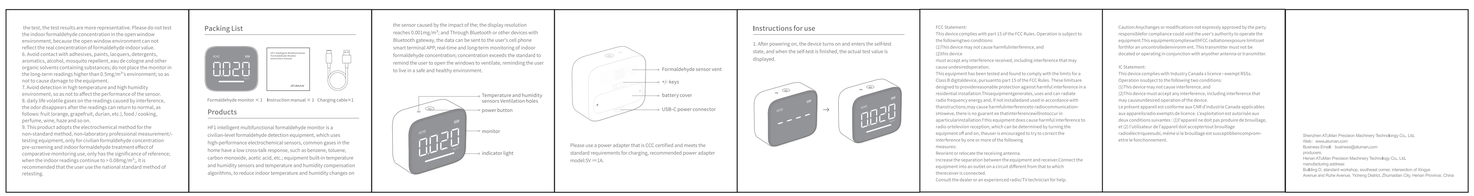
| 商品ID | SKU编码 | 商品名称 | 69码 | 产品型号 |
|---|---|---|---|---|
| | HF1 | HF1智能多功能甲醛监测仪 | 6971720841591 | HF1 |



the test, the test results are more representative. Please do not test the indoor formaldehyde concentration in the open window environment, because the open window environment can not reflect the real concentration of formaldehyde indoor value.
6. Avoid contact with adhesives, paints, lacquers, detergents, aromatics, alcohol, mosquito repellent, eau de cologne and other organic solvents containing substances; do not place the monitor in a high temperature and high humidity (>35℃, >80%RH) environment; so as not to cause damage to the equipment.
7. Avoid detection in high temperature and high humidity environment, so as not to affect the performance of the sensor.
8. daily life volatile gases on the readings caused by interference, the odor disappears after the readings can return to normal, as follows: fruit (orange, grapefruit, durian, etc.), food / cooking, perfume, wine, haze and so on.
9. This product adopts the electrochemical method for the non-standard method, non-laboratory professional measurement,-testing equipment, only for civilian formaldehyde concentration pre-screening and indoor formaldehyde treatment effect of comparative monitoring use, only has the significance of reference; when the indoor reading continue to >0.08mg/m³, it is recommended that the user use the national standard method of retesting.

Packing List

Formaldehyde monitor × 1 | Instruction manual × 1 | Charging cable × 1

Products

HF1 intelligent multifunctional formaldehyde monitor is a civilian-level formaldehyde detection equipment, which uses high-performance electrochemical sensors, common gases in the home have a low cross-talk response, such as benzene, toluene, carbon monoxide, acetic acid, etc.; equipment built-in temperature and humidity sensors and temperature and humidity compensation algorithms, to reduce indoor temperature and humidity changes on

the sensor caused by the impact of the; the display resolution reaches 0.001mg/m³, and Through Bluetooth or other devices with Bluetooth gateway, the data can be sent to the user's cell phone smart terminal APP, real-time and long-term monitoring of indoor formaldehyde concentration; concentration exceeds the standard to remind the user to open the windows to ventilate, reminding the user to live in a safe and healthy environment.

Temperature and humidity sensors Ventilation holes
power button
monitor
indicator light

Formaldehyde sensor vent
+/- keys
battery cover
USB-C power connector

Please use a power adapter that is CCC certified and meets the standard requirements for charging, recommended power adapter model:5V ⎓1A.

Instructions for use

1. After powering on, the device turns on and enters the self-test state, and when the self-test is finished, the actual test value is displayed.

FCC Statement:
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1)This device may not cause harmfulinterference, and
(2)this device
must accept any interference received, including interference that may cause undesiredoperation.
This equipment has been tested and found to comply with the limits for a Class B digitaldevice, pursuantto part 15 of the FCC Rules. These limitsare designed to providereasonable protection against harmful interference in a residential installation.Thisequipmentgenerates, uses and can radiate radio frequency energy and, if not installedand used in accordance with theinstructions, may cause harmfulinterferenceto radiocommunications. However, there is no guarant ee thatinterferencewillnotoccur in aparticularinstallation.If this equipment does cause harmful interference to radio ortelevision reception, which can be determined by turning the equipment off and on, theuser is encouraged to try to correct the interference by one or more of the following
measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.Connect the equipment into an outlet on a circuit different from that to which thereceiver is connected.
Consult the dealer or an experienced radio/ TV technician for help.

Caution:Anychanges or modifications not expressly approved by the party responsibleFor compliance could void the user's authority to operate the equipment. This equipmentcomplieswiteFCC radiationexposure limitsset forthfor an uncontrolledenvironm ent. This transmitter must not be docated or operating in conjunction with anyother antenna or transmitter.

IC Statement:
This device complies with Industry Canada s licence -exempt RSSs.
Operation issubject to the following two conditions:
(1)This device may not cause interference, and
(2)This device must accept any interference, including interference that may causeundesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareilsradio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1)l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit acceptertout brouillage radioélectriquequeceuil, même si le brouillage est susceptibleencompromettre le fonctionnement.

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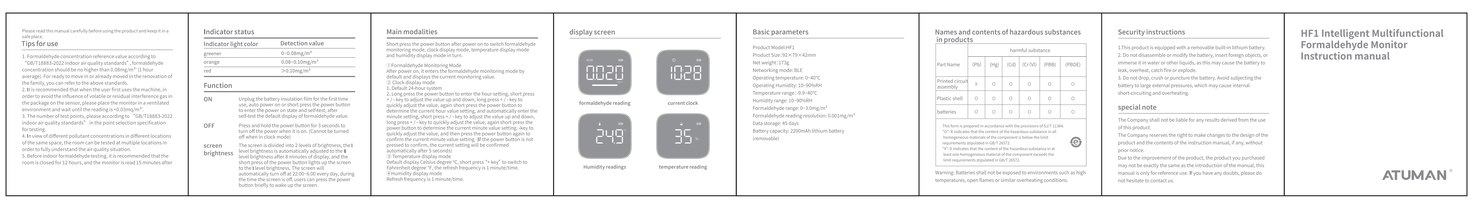
product:
manufacturer: Jiaxin Precision Machinery Technology Co., Ltd.
manufacturing address:
Building D, standard workshop, southeast corner, intersection of Xingye Avenue and Ruhe Avenue, Yicheng District, Zhumadian City, Henan Province, China



Please read this manual carefully before using the product and keep it in a safe place.

Tips for use

1. Formaldehyde concentration reference value according to "GB/T18883-2022 Indoor air quality standards", formaldehyde concentration should be no higher than 0.08mg/m³ (1 hour average). For ready to move in or already moved in the renovation of the family, you can refer to the above standards.
2. Formaldehyde concentration will be affected by the machine, in order to avoid the influence of volatile or residual interference gas in the package on the sensor, please place the monitor in a ventilated environment and wait until the reading is <0.01mg/m³.
3. The number of test points, please according to "GB/T18883-2022 Indoor air quality standards" in the point selection specification for testing.
4. In view of different pollutant concentrations in different locations of the same space, the room can be tested at multiple locations in order to fully understand the air quality situation.
5. Before indoor formaldehyde testing, it is recommended that the room is closed for 12 hours, and the monitor is read 15 minutes after

Indicator status

| Indicator light color | Detection value |
|---|---|
| greener | 0~0.08mg/m³ |
| orange | 0.08~0.10mg/m³ |
| red | >0.10mg/m³ |

Function

ON: Unplug the battery insulation film for the first time use, auto power on or short press the power button to enter the power on state and self-test, after self-test the default display of formaldehyde value.

OFF: Press and hold the power button for 3 seconds to enter the shutdown state: it is on. (Cannot be turned off when in clock mode)

screen brightness: The screen is divided into 2 levels of brightness, the 8 level brightness is automatically adjusted to the 3 level brightness after 8 minutes of display, and the short press of the power button lights up the screen to the 8 level brightness. The screen will automatically dim to the 3 level brightness every day, during the time the screen is off, users can press the power button briefly to wake up the screen.

Main modalities

Short press the power button after power on to switch formaldehyde monitoring mode, clock display mode, temperature display mode and humidity display mode in turn.

① Formaldehyde Monitoring Mode
After power on, it enters the formaldehyde monitoring mode by default, displaying the current monitoring value.
② Clock display mode
1. Default 24-hour system
2. Long press the power button to enter the hour setting, short press + / - key to adjust the value up and down, long press + / - key to quickly adjust the value, again short press the power button to determine the current hour value setting, and automatically enter the minute setting, short press + / - key to adjust the value up and down, long press + / - key to quickly adjust the value, again short press the power button to determine the current minute value setting, -key to quickly adjust the value, and then press the power button again to confirm the current minute value setting. (If the power button is not pressed to confirm, the current setting will be confirmed automatically after 5 seconds)
③ Temperature display mode
Default display Celsius degree "C, short press "+ key" to switch to Fahrenheit degree "F, the refresh frequency is 1 minute/time.
④ Humidity display mode
Refresh frequency is 1 minute/time.

display screen

formaldehyde reading | current clock | Humidity readings | temperature reading

Basic parameters

Product Model:HF1
Product Size:92×79×42mm
Net weight:177g
Networking mode: BLE
Operating temperature: 0~40℃
Operating Humidity: 10~90%RH
Temperature range: -9.9~40℃
Humidity range: 10~90%RH
Formaldehyde range: 0~1.0mg/m³
Formaldehyde reading resolution: 0.001mg/m³
Data storage: 45 days
Battery capacity: 2200mAh lithium battery (removable)

Names and contents of hazardous substances in products

| Part Name | harmful substance | | | | |
|---|---|---|---|---|---|
| | (Pb) | (Hg) | (Cd) | (Cr-VI) | (PBB) | (PBDE) |
| Printed circuit assembly | X | O | O | O | O | O |
| Plastic shell | O | O | O | O | O | O |
| batteries | O | O | O | O | O | O |

This form is prepared in accordance with the provisions of SJ/T 11364.
"O" indicates that the content of the hazardous substance in all homogeneous materials of the component is below the limit requirements stipulated in GB/T 26572.
"X" it indicates that the content of the hazardous substance in at least one homogeneous material of the component exceeds the limit requirements stipulated in GB/T 26572.

Warning: Batteries shall not be exposed to environments such as high temperatures, open flames or similar overheating conditions.

Security instructions

1.This product is equipped with a removable built-in lithium battery.
2. Do not disassemble or modify the battery, insert foreign objects, or immerse it in water or other liquids, as this may cause the battery to leak, overheat, catch fire or explode.
3. Do not drop, crush or puncture the battery. Avoid subjecting the battery to large external pressures, which may cause internal short-circuiting and overheating.

special note

The Company shall not be liable for any results derived from the use of this product.
The Company reserves the right to make changes to the design of the product and the contents of the instruction manual, if any, without prior notice.
Due to the improvement of the product, the product you purchased may not be exactly the same as the introduction of the manual, this manual is only for reference use. If you have any doubts, please do not hesitate to contact us.

HF1 Intelligent Multifunctional Formaldehyde Monitor Instruction manual

ATUMAN

折叠方式

# 安士工具产品包装图纸

**图纸提供单位**

安士工具精机科技有限公司

**项目名称**

HF1-说明书-英文版

**版本号**

V1.0

**设计时间**

2025-01-09

**设计师**

方嘉伟

**材质工艺要求**

**材质要求：** 128铜版纸

**制作工序：** 印刷、模切

**工艺要求：** 色相正确、印迹牢固、套印准确、各色套印、模切走位≤±0.5mm

**颜色及专色：** Pantone Cool Gray 8C + CMYK

**纹理要求** 无

**比例 1:1 单位 mm**