

FNIRSI 菲尼瑞斯

SFD-02

# 甲醛测试仪说明书 V1.0

FORMALDEHYDE DETECTOR INSTRUCTION MANUAL



※使用产品前请仔细阅读本说明书,并妥善保管。

※Please read this instruction manual carefully before using the product and keep it properly.



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# 一、安全要求

## 1.1 环境要求

### 注意事项

- 避免阳光直射、高温、明火、腐蚀性气体、潮湿或多尘环境，以防设备故障。
- 始终将设备放在平稳坚固的表面，切勿将设备放置在地毯、毛毯等柔软表面。
- 确保通风口不被遮挡，避免设备过热。

### 远离以下物品

- 加热器：避免过热或火灾风险。
- 空调、通风设备：防止冷凝水导致短路。
- 水源、化学品：溶剂：泄漏可能损坏设备或引发火灾。
- 强磁性设备：防止磁场干扰设备正常运行。



请勿随生活垃圾丢弃废旧电池或设备，应按国家或当地法规处理。

## 二、产品概览

### 2.1 产品简介

菲尼瑞斯 SFD-02 甲醛测试仪是一款空气质量检测仪器，专为家庭和办公室等室内环境中的甲醛和TVOC浓度监测设计。它不仅能实时显示甲醛浓度、TVOC浓度、湿度、时间等数据，还提供甲醛危害评估和历史记录查询功能。借助多项智能功能，SFD-02帮助用户有效了解空气质量，确保室内环境的安全与健康。

#### 产品主要特点有：

- 实时监测**：实时显示甲醛浓度、TVOC浓度、空气湿度和当前时间，全面了解空气质量状况。
- 空气质量评估**：提供甲醛危害评估功能，帮助用户识别空气中的潜在健康风险。
- 历史记录**：支持甲醛浓度和TVOC浓度的历史数据记录，方便用户查看过去一段时间的空气质量变化。
- 空间平均值**：4.计算甲醛和TVOC的空间平均值，帮助用户更准确地评估空气质量。
- 除醛计算器**：根据房屋面积、房屋类型、甲醛平均量和除醛方式，智能计算除醛时间、花费和所需物料。
- 报警阈值设置**：用户可根据需求设置甲醛和TVOC的报警阈值，一旦超标，设备立即报警，保障室内空气安全。
- 万年历功能**：显示当前的日期、时间及湿度，提供便捷的时间管理功能。

SFD-02甲醛测试仪集精准监测与智能分析于一体，为您的居住和工作环境提供全面、科学的空气质量管理解决方案。

## 2.2 产品说明



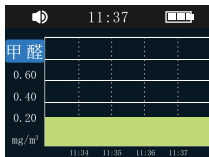
## 2.3 主页说明



- ① 音量
- ② 时间
- ③ 电量
- ④ 甲醛浓度
- ⑤ TVOC 浓度
- ⑥ 湿度
- ⑦ 日期
- ⑧ 危害评估

## 2.4 记录绘制页面说明

在甲醛浓度曲线界面,用户可以直观地查看一段时间内甲醛浓度的变化趋势。曲线图以时间为横轴、甲醛浓度为纵轴,通过连续记录的数值生成,清晰反映空气质量的波动情况,曲线会根据实时监测数据自动更新,帮助用户随时掌握空气质量变化。



※点击【甲醛】将(甲醛测量)切换为【TVOC】(室内有机气态物质)测量。

## 2.5 历史记录监控界面

该界面为用户提供一段时间内甲醛浓度的详细记录及平均值计算结果,方便评估长期空气质量状况。

※监控时长需大于1小时,测量的数据才具有参考意义。



## 2.6 功能页面说明

工具箱:

- 除醛计算器**:根据房屋面积、房屋类型、甲醛平均量、除醛方式,计算除醛时间、花费和物料。
- 报警阈值**:设置甲醛浓度和TVOC浓度的报警阈值,当超过设置的报警阈值,蜂鸣器会鸣响报警。
- 万年历**:显示当前设置的日期时间和空气湿度。



**声光设置:**调节声音和亮度设置。



**系统时钟:**设置系统日期和时间。



**待机设置:**设置待机时间,从不、5分钟、15分钟、30分钟,当无操作的时间超过设置的待机时间系统进入2.7的休眠界面。



**定时关机:**设置定时关机,从不、30分钟、60分钟、90分钟,当无操作的时间超过设置的时间,设备自动关机。



**语言设置:**切换语言简体中文/English。



**恢复出厂:**点击恢复出厂设置,再点击确认可恢复出厂设置。



**关于:**品牌信息、版本号。



## 2.7 休眠界面

在设置休眠时间内无操作,进入休眠界面,休眠页面的表情会随甲醛安全等级发生变化,浓度越高表情越不开心,点击 $\text{⏏}$ 键退出。



## 三、技术规格

### 3.1 机型参数

屏幕材质	2.4寸钢化玻璃触摸高清彩屏
背    光	背光亮度可调
供电电源	TYPE-C (5V/2A)
电    池	1000mAh
语    言	中文, English
产品尺寸	≈75x45x95mm
裸机重量	≈193克





### 3.2 技术参数

参    数	甲醛	TVOC
量    程	0-2000PPM	0-10mg/m <sup>3</sup>
检测硬件	电化学	半导体
预热时间	5S	120S

### 3.3 甲醛等级划分

等级	量程范围
优秀	$0\text{mg}/\text{m}^3$ - $0.08\text{mg}/\text{m}^3$
良好	$0.08\text{mg}/\text{m}^3$ - $0.1\text{mg}/\text{m}^3$
轻度	$0.1\text{mg}/\text{m}^3$ - $0.2\text{mg}/\text{m}^3$
中度	$0.2\text{mg}/\text{m}^3$ - $0.3\text{mg}/\text{m}^3$
重度	$0.3\text{mg}/\text{m}^3$ 以上

## 四、操作指南

- ①长按机器后方开关机键进行开机,此时跳转到主页。
- ②左滑进入历史记录绘制页面。
- ③再次左滑进入历史记录监控界面。
- ④点击  键 可进入功能界面,使用相关功能及参数设置。
- ⑤点击  键可返回上一界面。
- ⑥点击  键 可回到主页面。
- ⑦等待一段时间不操作会自动进入休眠页面,点击  键退出。

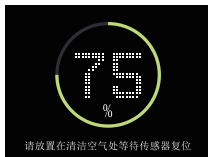


## 五、快速入门

### 第一步:设备开机与准备

①长按电源键开机,等待屏幕亮起并完成系统初始化。

②将测试仪置于待测环境中,避开直接通风口和强光照射区域,保持静止状态至少2分钟,以保证数据准确。



### 第二步:实时测量空气质量

①仪器开机后,主界面将显示:

- 甲醛浓度(单位: $\text{mg}/\text{m}^3$ )
- TVOC 浓度(单位: $\text{mg}/\text{m}^3$ )
- 湿度与时间

②仔细观察屏幕上的 甲醛浓度值:

- 当甲醛浓度低于  $0.08\text{mg}/\text{m}^3$ , 空气质量安全。
- 高于  $0.08\text{mg}/\text{m}^3$ , 说明环境可能存在健康风险。



### 第三步:计算除醛时间与花费

①进入功能页面:选择除醛计算器功能。



②根据提示输入实际参数：

- 房屋面积(单位:  $\text{m}^2$ )
- 房屋类型
- 当前测得的甲醛浓度平均值
- 选择除醛方式

The screenshot shows a dark-themed interface with four circular icons at the top: a house, a car, a network diagram, and a hand. Below them is a section titled '房屋面积' (Room Area) with six buttons for area ranges: 5-10 $\text{m}^2$ , 1-20 $\text{m}^2$ , 21-30 $\text{m}^2$ , 31-50 $\text{m}^2$ , 51-80 $\text{m}^2$ , and 81-120 $\text{m}^2$ . Below this is a table with four columns: '房屋面积' (5-10 $\text{m}^2$ ), '房屋类型' (小孩房 - Children's Room), '甲醛平均量' (0.7-1.0), and '除醛方式' (活性炭 - Activated Carbon). At the bottom are two buttons: '开始计算' (Start Calculation) and a circular arrow icon.

③点击【开始计算】，系统将自动计算：

- 预计所需时间
- 大致花费

## 第四步：设置甲醛与TVOC报警阈值

①进入工具箱，选择 报警阈值功能。



②输入甲醛浓度报警值(建议:  $0.08\text{mg}/\text{m}^3$ )  
和 TVOC 浓度报警值(建议:  $0.30\text{mg}/\text{m}^3$ )。

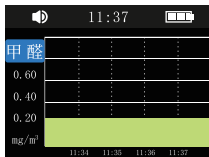
The screenshot shows a dark-themed interface with two input fields at the top: '甲醛' (Formaldehyde) with a value of 0.400 $\text{mg}/\text{m}^3$  and 'TVOC' with a value of 0.000 $\text{mg}/\text{m}^3$ . Below these are two large input boxes for '甲醛' and 'TVOC'. The '甲醛' box shows a value of 4.399 and a highlighted value of 0.400. The 'TVOC' box shows a value of 1.511 and a highlighted value of 0.400.

③点击↶，系统将激活阈值监测：

- 超标时，设备会发出报警声提醒用户及时处理。

## 第五步：查看历史数据与空间平均值

①从主页面右滑切换实时曲线，查看甲醛浓度随时间的变化曲线。



②再次右滑,获取一段时间内的甲醛和 TVOC 浓度平均值,评估整体空气质量。



## 第六步:优化设置

①声光设置:根据需要调整报警声音大小和屏幕亮度。



②待机设置:建议设置为 15分钟,节约电量。



③定时关机:设置为 30分钟,方便自动关闭。



## 六、故障排查

当设备无法正常工作时,参考以下方法进行简单的故障排查。如果问题仍无法解决,请联系技术支持。

### 6.1 设备无法开机

可能原因:

- 电量不足
- 电池或电源接触不良

解决方法:

- ①使用TYPE-C 数据线 连接设备并为其充电,观察屏幕是否亮起。
- ②检查电源接口是否松动,尝试重新插入数据线并充电 10 分钟后再次尝试开机。
- ③如果设备仍无法开机,请联系技术支持。

### 6.2 甲醛或 TVOC 浓度显示异常

可能原因:

- 设备未完成预热
- 测试环境干扰(如强风、烟雾或挥发性气体)
- 传感器受到污染

解决方法:

- ①确保设备开机后静置 2分钟 以完成预热。
- ②将设备移至空气流通正常、无强烈气味的环境重新测试。

### 6.3 触屏不灵敏或失效

可能原因:

- 屏幕被油污、灰尘覆盖
- 系统暂时性卡顿

解决方法:

- ①用柔软的无纺布或湿纸巾轻轻擦拭屏幕表面。
- ②长按电源键 10秒 强制关机,然后重新开机。
- ③若问题仍存在,选择主菜单中的 恢复出厂设置:
  - 点击菜单图标,进入 设置 > 恢复出厂设置。
  - 确认后等待设备重启。

## 6.4报警功能无效

### 可能原因:

- 报警阈值设置错误

### 解决方法:

点击菜单图标,进入 工具箱 > 报警阈值,检查阈值设置是否正确,重新调整后保存。

## 6.5时间或日期显示错误

### 可能原因:

- 系统时钟未正确设置
- 短时间内设备多次掉电

### 解决方法:

- ①点击菜单图标,进入 设置 > 系统时钟,手动调整时间和日期。
- ②如果问题频繁出现,请联系技术支持更换电池或检测设备状态。

# 七、维护保养

## 清洁设备外部

- 频率:每月清洁一次,具体取决于使用环境。
- 方法:使用柔软的布轻轻擦拭设备表面。避免使用化学清洁剂,特别是含有酒精或强酸、强碱的清洁剂,以免损坏外壳或屏幕。
- 注意事项:
  - 定期清理通风口和按钮周围的灰尘,以保持设备通风散热良好。
  - 确保设备无任何液体、灰尘或杂物进入设备接口。

## 检查电池与电源

- 电池保养:对于内置电池的仪器,定期检查电池的健康状态。避免电池完全放电,建议定期充电并避免长时间不使用设备。

- **电池更换**: 若电池表现出过度衰减 (如无法正常充电或极快放电), 应及时更换。

## **存放与携带**

- **存放环境**: 仪器应存放在干燥、通风的环境中, 避免高温、高湿或剧烈的温度变化。避免将其放置在阳光直射的地方。
- **携带**: 使用时应小心避免摔落, 尤其是在携带过程中。推荐使用保护套或专用包进行携带。

## **软件更新**

- **定期检查设备**是否有新的固件更新。最新的固件可以修复已知的BUG并提升设备性能。
- **更新时**确保操作步骤正确, 使用官方发布的固件文件, 并避免断电或其他干扰。

## **恢复出厂设置**

- 若设备出现异常或无法正常工作, 可尝试恢复出厂设置。恢复设置后, 设备将清除所有自定义配置, 恢复到初始状态。
- 恢复出厂设置的方法可以参考用户手册或联系厂商客服。

## 八、生产信息

产品名称:SFD-02 甲醛测试仪

品牌/型号:FNIRSI / SFD-02

服务电话:0755-28020752

生产商:深圳市菲尼瑞斯科技有限公司

地址:广东省深圳市龙华区大浪街道伟达工业园C栋西边8楼

服务邮箱: support@fnirsi.com

商务邮箱: business@fnirsi.com

官方网站:www.fnirsi.cn

执行标准:GB/T 18883-2022

## 九、保修说明

感谢您选择本公司产品,本产品自销售之日起计保修期。在产品保修期内,凡按照产品使用说明书安装使用于正常环境、条件使用之下,因原物料及加工过程中之瑕疵而导致故障,可依据本保修条款的内容享受无偿维修服务,本保修卡请用户妥善保管,以作保修凭证,丢失恕不补发。

### 以下情况将实施有偿维修服务:

- 不能出示有效保修卡原件;
- 产品安装不符合产品要求、标准和相关规范造成的损坏
- 产品安装环境中相关配件不符合产品要求、标准和相关规范造成的损坏;
- 用户对产品使用不当、保管不妥或擅自拆机、私自维修等原因造成的损坏;
- 超过保修期.

# 1. Safety Requirement

## 1.1 Environmental Requirement

### **Precautions**

- Avoid direct sunlight, high temperature, open flames, corrosive gases, damp or dusty environments to prevent equipment malfunction.
- Always place the equipment on a stable and solid surface. Never place it on soft surfaces such as carpets or blankets.
- Ensure that ventilation openings are not obstructed to prevent overheating of the equipment.

### **Keep away from the following items**

- Heater: Avoid risk of overheating or fire.
- Air conditioners, ventilation equipment: Prevent condensation from causing short circuits.
- Water sources, chemicals, solvents: Leaks may damage the equipment or cause fires.
- Strong magnetic equipment: Prevent magnetic fields from interfering with the normal operation of the device.



Do not dispose of used batteries or devices with household waste; dispose of them according to national or local regulations.



## 2.Product Overview

### 2.1 Product Introduction

FNIRSI SFD-02 Formaldehyde Tester is an air quality testing instrument designed for formaldehyde and TVOC concentration monitoring in indoor environments such as homes and offices. It not only displays formaldehyde concentration, TVOC concentration, humidity, time and other data in real time, but also provides formaldehyde hazard assessment and historical record query functions. With multiple intelligent functions, SFD-02 helps users effectively understand air quality and ensure the safety and health of the indoor environment.

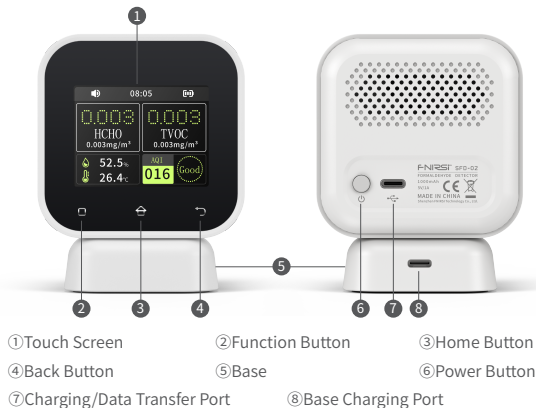
**The main features of the product are:**

- Real-Time Monitoring:** Real-time display of formaldehyde concentration, TVOC concentration, air humidity and current time, to fully understand the air quality status.
- Air Quality Assessment:** Provides formaldehyde hazard assessment function to help users identify potential health risks in the air.
- Historical Recording:** Supports historical data recording of formaldehyde concentration and TVOC concentration, allowing users to view changes in air quality over a period of time.
- Spatial Average:** Calculates the spatial average for formaldehyde and TVOC, aiding users in more accurately assessing air quality.
- Formaldehyde removal calculator:** Intelligently calculates formaldehyde removal time, cost and required materials based on house area, house type, average formaldehyde content and formaldehyde removal method.
- Alarm Threshold Setting:** Users can set alarm thresholds for formaldehyde and TVOC according to their needs. If these thresholds are exceeded, the device immediately alerts, ensuring indoor air safety.

● **Calendar Function:** Displays the current date, time, and humidity, providing convenient time management functionality.

The SFD-02 formaldehyde tester integrates precise monitoring and intelligent analysis, providing a comprehensive and scientific air quality management solution for your living and working environment.

## 2.2 Product Description



## 2.3 Home Page Description



①Volume

②Time

③Battery level

④Formaldehyde Concentration

⑤TVOC Concentration

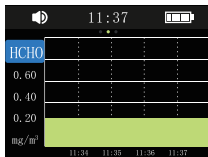
⑥Humidity

⑦Date

⑧Hazard Assessment

## 2.4 Record Drawing Page Description

In the formaldehyde concentration curve interface, users can intuitively view the changing trend of formaldehyde concentration over a period of time. The curve is generated by continuously recording the value of time as the horizontal axis and formaldehyde concentration as the vertical axis, which clearly reflects the fluctuation of air quality. The curve will be automatically updated according to the real-time monitoring data to help users keep track of air quality changes at any time.



※Click **【Formaldehyde】** to switch (Formaldehyde measurement) to **【TVOC】** (Indoor organic gaseous substances) measurement.

## 2.5 Historical Record Monitoring Interface

This interface provides users with detailed records of formaldehyde concentration over a period of time and the calculated average values, facilitating the assessment of long-term air quality conditions.



※The monitoring time must be longer than 1 hour, and the measured data will be of reference significance.

## 2.6 Function Page Description

### Toolbox:

#### •Formaldehyde Removal Calculator:

Calculate the time, cost and materials for formaldehyde removal based on house area, house type, average formaldehyde amount and formaldehyde removal method.

•**Alarm Threshold Settings:** Set the alarm threshold of formaldehyde concentration and TVOC concentration. When the set quotation threshold is exceeded, the buzzer will sound an alarm.

•**Perpetual Calendar:** Displays the currently set date, time, and air humidity.



**Sound and light settings:** adjust the sound and brightness settings.



**System clock:** set the system date and time.



**Standby settings:** set the standby time, never, 5 minutes, 15 minutes, 30 minutes. When the inactivity time exceeds the set standby time, the system enters the 2.7 sleep interface.



**Scheduled shutdown:** set the scheduled shutdown, never, 30 minutes, 60 minutes, 90 minutes. When the inactivity time exceeds the set time, the device automatically shuts down.



**Language settings:** switch between Simplified Chinese and English.



**Factory Reset:**Click Reset to Factory Settings, then click Confirm to Reset to Factory Settings.




**About:**Brand information, version number.



## 2.7 Sleep Interface

If there is no operation during the set sleep time, the sleep interface will be entered. The expression on the sleep page will change with the formaldehyde safety level.

The higher the concentration, the more unhappy the expression. Click the  key to exit.



## 3. Technical Specifications

### 3.1 Model Parameters

<b>Screen Material</b>	2.4-inch tempered glass touch HD color
<b>Backlight</b>	Backlight brightness adjustable
<b>Power Supply</b>	TYPE-C (5V/2A)
<b>Battery</b>	1000mAh
<b>Language</b>	Chinese, English
<b>Product Size</b>	≈75x45x95mm
<b>Bare Weight</b>	≈193g





### 3.2 Technical Parameters

<b>Parameter</b>	<b>Formaldehyde</b>	<b>TVOC</b>
Range	0-2000PPM	0-10mg/m <sup>3</sup>
Detection Hardware	Electrochemistry	Semiconductors
Preheat Time	5S	120S

### 3.3 Formaldehyde Level Classification

Level	Range
Excellent	0mg/m <sup>3</sup> -0.08mg/m <sup>3</sup>
Good	0.08mg/m <sup>3</sup> -0.1mg/m <sup>3</sup>
Mild	0.1mg/m <sup>3</sup> -0.2mg/m <sup>3</sup>
Moderate	0.2mg/m <sup>3</sup> -0.3mg/m <sup>3</sup>
Severe	0.3mg/m <sup>3</sup> or above

## 4.Operation Guide

- ① Press and hold the power button on the back of the machine to turn it on, and then jump to the home page.
- ② Swipe left to enter the history drawing page.
- ③ Swipe left again to enter the history monitoring interface.
- ④ Click the  key to enter the function interface and use related functions and parameter settings.
- ⑤ Click the  key to return to the previous interface.
- ⑥ Click the  key to return to the home page.
- ⑦ Wait for a period of time without operation to automatically enter the sleep page, click the  key to exit.



## 5.Quick Start Guide

### Step 1: Power on and Preparation

- ① Press and hold the power button to power on, wait for the screen to light up and complete system initialization.
- ② Place the tester in the test environment, away from direct ventilation and strong light exposure areas, and keep it still for at least 2 minutes to ensure accurate data.



### Step 2: Real-Time Measurement of Air Quality

- ① After the instrument is turned on, the main interface will display:

- Formaldehyde concentration (unit:  $\text{mg}/\text{m}^3$ )
- TVOC concentration (unit:  $\text{mg}/\text{m}^3$ )
- Humidity and time

- ② Carefully observe the formaldehyde concentration value on the screen:

- When the formaldehyde concentration is lower than  $0.08\text{mg}/\text{m}^3$ , the air quality is safe.
- Above  $0.08\text{mg}/\text{m}^3$ , it means that the environment may have health risks.



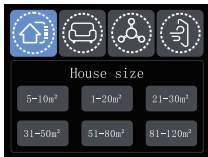
### Step 3: Calculate the Time and Cost of Formaldehyde removal

- ① Enter the function page: select the formaldehyde removal calculator function.



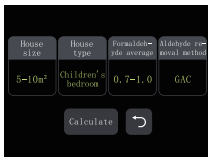
② Enter the actual parameters according to the prompts:

- House area (unit: m<sup>2</sup>)
- House type
- Average formaldehyde concentration measured currently
- Select formaldehyde removal method



③Click **【Start Calculation】**, the system will automatically calculate:

- Estimated time required
- Approximate cost




## Step 4: Set Formaldehyde and TVOC Alarm Thresholds

①Enter the toolbox and select the alarm threshold function.



②Enter the formaldehyde concentration alarm value (recommended: 0.08mg/m<sup>3</sup>) and TVOC concentration alarm value (recommended: 0.30mg/m<sup>3</sup>).

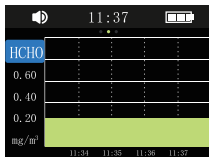


③Click  , the system will activate threshold monitoring:

- When exceeding the standard, the device will sound an alarm to remind the user to deal with it in time.

## Step 5: View Historical Data and Spatial Average Values

① Swipe right from the main page to view the curve of formaldehyde concentration changes over time.

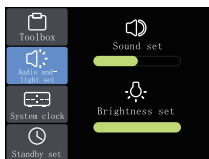


② Swipe right again to get the average formaldehyde and TVOC concentrations over a period of time to evaluate the overall air quality.



## Step 6: Optimize settings

① Sound and light settings: adjust the alarm volume and screen brightness as needed.



② Standby settings: It is recommended to set it to 15 minutes to save power.



- ③ Timed shutdown: Set it to 30 minutes for easy automatic shutdown.



## 6. Troubleshooting

When the device does not work properly, refer to the following methods for simple troubleshooting. If the problem still cannot be solved, please contact technical support.

### 6.1 Device Cannot be Turned On

#### Possible causes:

- Low power
- Poor contact between the battery or power supply

#### Solution:

- ①Use TYPE-C data cable to connect the device and charge it, and observe whether the screen lights up.
- ②Check if the power port is loose, try reinserting the cable and charging for 10 minutes before attempting to turn on the device again.
- ③If the device still cannot be turned on, please contact technical support.

### 6.2 Abnormal Display of Formaldehyde or TVOC concentration

#### Possible causes:

- The device has not completed preheating
- Test environment interference (such as strong wind, smoke or volatile gases)
- Sensor is contaminated

**Solution:**

- ①①Make sure the device is left for 2 minutes after turning on to complete preheating.
- ②Move the device to an environment with normal air circulation and no strong odor and retest.

## 6.3 Touch screen is not sensitive or fails

**Possible causes:**

- The screen is covered with oil and dust
- The system is temporarily stuck

**Solution:**

- ①Gently wipe the screen surface with a soft non-woven cloth or wet tissue.
- ②Press and hold the power button for 10 seconds to force shutdown, then restart.
- ③If the problem persists, select Restore Factory Settings in the main menu:
  - Click the menu icon and go to Settings > Restore Factory Settings.
  - Confirm and wait for the device to restart.

## 6.4 Alarm Function Not Working

**Possible causes:**

- The alarm threshold is set incorrectly

**Solution:**

Click the menu icon, enter Toolbox > Alarm Threshold, check whether the threshold is set correctly, and save it after readjustment.

## 6.5 Time or Date Display Error

### Possible causes:

- The system clock is not set correctly
- The device loses power multiple times in a short period of time

### Solution:

- ① Click the menu icon, enter Settings > System Clock, and manually adjust the time and date.
- ② If the problem occurs frequently, please contact technical support to replace the battery or check the device status.

## 7.Maintenance

### Cleaning The Exterior of The Device

- Frequency: Clean once a month, depending on the use environment.
- Method: Use a soft cloth to gently wipe the surface of the device. Avoid using chemical cleaners, especially those containing alcohol or strong acids and alkalis to avoid damaging the casing or screen.
- Precautions:
  - Clean the dust around the vents and buttons regularly to keep the device well ventilated and heat-dissipated.
  - Ensure that no liquid, dust or debris enters the device interface.

### Check The Battery and Power Supply

- Battery Maintenance: For instruments with built-in batteries, check the health of the battery regularly. Avoid complete battery discharge. It is recommended to charge regularly and avoid not using the device for a long time.
- Battery Replacement: If the battery shows excessive attenuation (such as failure to charge normally or extremely fast discharge), it should be replaced in time.

## **Storage and Carrying**

- **Storage Environment:** The instrument should be stored in a dry and ventilated environment, avoiding high temperature, high humidity or drastic temperature changes. Avoid placing it in direct sunlight.
- **Carrying:** Be careful to avoid falling when using, especially during carrying. It is recommended to use a protective case or a special bag for carrying.

## **Software Update**

- Check the device regularly for new firmware updates. The latest firmware can fix known bugs and improve device performance.
- Ensure the correct operation steps when updating, use the officially released firmware files, and avoid power outages or other interference.

## **Factory Reset**

- If the device is abnormal or does not work properly, try to restore the factory settings. After restoring the settings, the device will clear all custom configurations and return to the initial state.
- For methods to restore factory settings, please refer to the user manual or contact the manufacturer's customer service.

## 7.Contact US

Any FNIRSI's users with any questions who comes to contact us will have our promise to get a satisfactory solution +an extra 6 months warranty to thanks for your support!

By the way, we have created an interesting community, welcome to contact FNIRSI staff to join our community.

### Shenzhen FNIRSI Technology Co., LTD.

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**E-mail:** [business@fnirsi.com](mailto:business@fnirsi.com) (Business)

**E-mail:** [service@fnirsi.com](mailto:service@fnirsi.com) (Equipment Service)



<http://www.fnirsi.cn/>

## 9.Warranty Instructions

Thank you for choosing our products. The warranty period of this product starts from the date of sale. During the product warranty period, if the product is installed and used in normal environment and conditions according to the product manual, and the fault is caused by defects in the raw materials and processing, you can enjoy free repair service according to the contents of this warranty. Please keep this warranty card properly as a warranty certificate. If it is lost, it will not be reissued.



### **Paid repair service will be implemented in the following cases:**

- Failure to produce the original valid warranty card
- Damage caused by product installation not meeting product requirements, standards and relevant specifications
- Damage caused by related accessories in the product installation environment not meeting product requirements, standards and relevant specifications;
- Damage caused by improper use of the product, improper storage, or unauthorized disassembly and private repair by the user
- Expiration of the warranty period.



# 保修卡



名称/型号	SFD-02		
姓 名			
地 址			
联系方式			
购买时间	年	月	日
地址:  		购买渠道: (线上店铺、经销商等)	
电话号码:  		故障说明:	

# Warranty Card



Name/Model	SFD-02		
Name			
Address			
Contact Information			
Purchase Time	Year	Month	Day
<b>Address:</b>  		<b>Purchase Channel:</b> (Online store, Dealer, etc.)	
<b>Telephone Number:</b>  		<b>Fault Description:</b>	



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