RF4®
FOCUS DESIGN AND CONCEPT

USERS MANUAL
操作说明

RF-H10

Intelligent Anti-static electricity
2 in 1 Desoldering station instruction manual

智能防静电二合一拆焊台



欢迎使用本公司系例优质产品，使用之前请详细阅读本使用手册。谢谢！以便查阅。

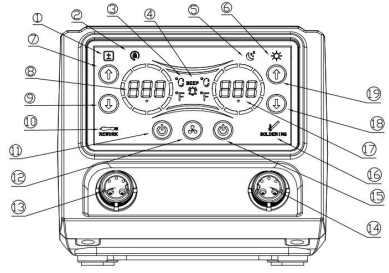
Welcome to use our high-quality products,please read this manual carefully before using. Thank you very much!

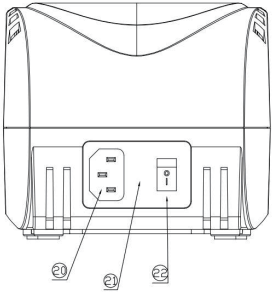
注意事项

使用状态时：
烙铁头温度介于150-500℃之间；
热风枪风咀温度介于150-500℃之间；
鉴于滥用可能导致灼伤或者火患，请严格遵守以下事项：
- 更换部件时，应关闭电源并冷却至常温
- 切勿在靠近燃气，纸张或其他易燃物体附近使用本机器。
- 替换发热芯材料时，型号须相同。依照拆开时的相反流程，装好发热丝。

避免损坏本产品及保持作业环境安全，应遵守以下事项：
- 切勿改装本产品
- 作业时，请做好通风
- 切勿拆主机或焊接手柄
- 切勿弄湿机体，手湿操作
- 切勿敲打主机或强力撞击
- 更换部件时，请使用原厂原件
- 使用本机时，不可作任何可能伤害人体或损坏物体的妄动

产品示意图





① 微调图标
② 锁定图标
③ 华氏/摄氏图标
④ 按键音效图标
⑤ 休眠图标
⑥ 工作指示图标
⑦ 拆焊台温度增键
⑧ 拆焊台显示区域
⑨ 拆焊台温度减键
⑩ 拆焊台加热指示图标
⑪ 拆焊台开机键
⑫ 拆焊台温度/风量切换键
⑬ 拆焊台插座
⑭ 焊台插座
⑮ 焊台开机键
⑯ 焊台加热指示图标
⑰ 焊台显示区域
⑱ 焊台温度减键
⑲ 焊台温度增键
⑳ 电源插座
㉑ 保险管
㉒ 电源总开关

产品规格

电源电压	110V~60Hz; 220V~50Hz	
保险管规格	8A/250Vac@110V; 4A/250Vac@220V	
	烙铁部分	风机部分
输出电压	9VDC	110 / 220 Vac
功率	30W	600W
温度范围	150-500°C	150-500°C
发热元件	C210一体式烙铁头	电阻式陶瓷发热芯

产品特点

- 高清触摸大屏智能数显;
- 新型驱动电路设计，升温速度快，稳定，高效;
- 拆焊台采用插拔式发热芯，传感器异常提示;
- 焊台/拆焊 台手柄 采 用专业人体工程学设计，手感舒适;
- 焊台/拆焊台手柄具备智能休眠功能，增强手柄使用寿命;
- 焊台手柄在休眠状态下约20分钟无操作，焊台会自动关机，增强安全性;

操作说明

开机/关机功能:

按住“焊台开机键”约1.5 秒即可开/关焊台
按住“拆焊台开机键”约1.5 秒即可开/关热风拆焊台

焊台温度设定:

按右侧“↑” “↓”键可设定温度值;

拆焊台度设定:

点按“拆焊台温度/风量切换键”后，当底部白灯亮起时，按左侧“↑” “↓”键可设定温度值;

拆焊台风速设定:

点按“拆焊台温度/风量切换键”后，当底部绿灯亮起时，按左侧“↑” “↓”键可设定风机风速值;
屏幕显示“F60”；点按“拆焊台温度/风量切换键”后底部绿灯熄灭;

注:
在正常工作状态时，快速点按“焊台开机键”／“拆焊台开机键”2次，将进入相应菜单模式，屏幕显示“-0”；
当菜单模式处于拆焊台菜单模式时，则焊台菜单模式将无法进入!
例如:
1.快速点按“焊台开机键”2次将进入焊台菜单模式后左侧拆焊台菜单模式将无法进入，需退出焊台菜单模式后方可操作;
2.快速点按“拆焊台开机键”2次将进入焊台菜单模式后右侧焊台菜单模式将无法进入，需退出拆焊台菜单模式后方可操作;

烙铁菜单设置

00 step 返回工作状态

点按“焊台开机键”2 次后进入菜单设置选项，
按“↑”“↓”键切换菜单，切换到“000”时，按“焊台开机键”确认后返回正常工作状态。

01 step 华氏/摄氏切换设置

点按“焊台开机键”2 次后进入菜单设置选项，
按“↑”“↓”键切换菜单，切换到“001”时，按“焊台开机键”进入设置，
按“↑”或“↓”键设置完后按“焊台开机键”确认保存。（设置范围：C/F；出厂值：C）

02 step 校准温度设置

点按“焊台开机键”2 次后进入菜单设置选项，
按“↑”“↓”键切换菜单，切换到“002”时，按“焊台开机键”进入设置，
按“↑”或“↓”键设置完后按“焊台开机键”确认保存。（设置范围：-99 --- +99 个单位）
例如：设置温度 350℃，实际温度 340℃，则同上述步骤加 10；
设置温度 350℃，实际温度 360℃，则同上述步骤减 10；

03 step 休眠时间设置

点按“焊台开机键”2 次后进入菜单设置选项，
按“↑”“↓”键切换菜单，切换到“003”时，按“焊台开机键”进入设置，
按“↑”或“↓”键设置完后按“焊台开机键”确认保存。（设置范围：0-120min；出厂值：30）

04 step 菜单锁定设置

点按“焊台开机键”2 次后进入菜单设置选项，
按“↑”“↓”键切换菜单，切换到“004”时，按“焊台开机键”进入设置，
按“↑”或“↓”键设置完后按“焊台开机键”确认保存。（设置范围：ON/OFF；出厂值：OFF）

热风菜单设置

00 step 返回工作状态

点按“拆焊台开机键”2 次后进入菜单设置选项，
按“↑”“↓”键切换菜单，切换到“000”时，按“拆焊台开机键”确认后返回正常工作状态。

01 step 华氏/摄氏切换设置

点按“拆焊台开机键”2 次后进入菜单设置选项，
按“↑”“↓”键切换菜单，切换到“001”时，按“拆焊台开机键”进入设置，
按“↑”或“↓”键设置完后按“拆焊台开机键”确认保存。（设置范围：C/F；出厂值：C）

02 step 校准温度设置

点按“拆焊台开机键”2 次后进入菜单设置选项，
按“↑”“↓”键切换菜单，切换到“002”时，按“拆焊台开机键”进入设置，
按“↑”或“↓”键设置完后按“拆焊台开机键”确认保存。（设置范围：-99 --- +99 个单位）
例如：设置温度 350℃，实际温度 340℃，则同上述步骤加 10；
设置温度 350℃，实际温度 360℃，则同上述步骤减 10；

03 step 蜂鸣器设置

点按“拆焊台开机键”2 次后进入菜单设置选项，
按“↑”“↓”键切换菜单，切换到“003”时，按“拆焊台开机键”进入设置，
按“↑”或“↓”键设置完后按“拆焊台开机键”确认保存。（设置范围:ON/OFF；出厂值:ON）

04 step 菜单锁定设置

点按“拆焊台开机键”2 次后进入菜单设置选项，
按“↑”“↓”键切换菜单，切换到“004”时，按“拆焊台开机键”进入设置，
按“↑”或“↓”键设置完后按“拆焊台开机键”确认保存。（设置范围:ON/OFF；出厂值:OFF）

热风菜单设置

05 step

密码设置

首次设置密码：
点按“拆焊台开机键”2 次后进入菜单设置选项，
按“↑”“↓”键切换菜单，切换到“005”时，按“拆焊台开机键”进入设置，
按“↑”键输入初始密码“000”按“↓”键切换下一位；最后按“拆焊台开机键”确认，
确认后屏幕显示“1”，按“↑”或“↓”键设置“2”后按“拆焊台开机键”确认；进入密码设置；
（设置范围：000-999;初始密码：000）

更改密码：
需先输入 1 次旧密码按“拆焊台开机键”确认；
确认后屏幕显示“1”，按“↑”或“↓”键设置“2”后按“拆焊台开机键”确认；
进入新密码设置；即可设置新密码！按“拆焊台开机键”确认保存；

忘记密码如何清除？
点按“拆焊台开机键”2 次后进入菜单设置选项，
按“↑”“↓”键切换菜单，切换到“005”时，按“拆焊台开机键”进入设置，
按“↑”或“↓”键设置“123”按“拆焊台开机键”确认进入第 2 次密码设置，
按“↑”或“↓”键设置“321”即可清除密码（初始密码为：000）

06 step

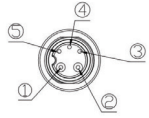
恢复出厂设置

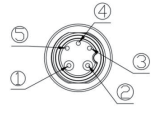
点按“拆焊台开机键”2 次后进入菜单设置选项，
按“↑”“↓”键切换菜单，切换到“006”时，按“拆焊台开机键”进入设置，
按“↑”或“↓”键设置完后按“拆焊台开机键”确认保存。（设置范围：0-1）
例如：设置 0 为不恢复出厂设置；设置 1 为恢复出厂设置；

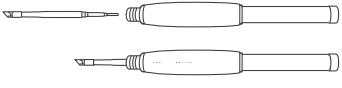
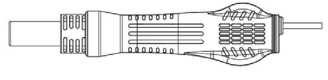
常见问题处理

故障/代码显示	可能原因	处理办法
H-E	发热芯故障	检查发热芯是否正常
S-E	传感器故障	检查传感器是否正常
COR	手柄线未连接	连接手柄插头
热风枪温度无法上升	温度显示器有显示温度，但热风枪温度未达设定相对温度或并未加热	热风枪电线或发热芯可能毁损；请更换新热风枪

插座引脚定义

焊台插座		
1-2	约3R	
3-5	约50R	
4	震动	

拆焊台插座		
1-2	约 82R@220V 约 22R@110V	
3	地线	
4	+24Vdc	
5	数据	

更换烙铁发热芯	更换风机发热芯
	

注：

如更换发热芯后风枪不能升温，检查发热芯是否插拔牢固！检查是否安装到位；
以下几种情况需要温度调校：

- 更换发热芯后需要重新校准温度，否则温度会有偏差。
- 发热芯需要定期校正温度，另外由于选用的发热芯型号可能有不同，温度也有所不同需校正温度。
- 在菜单校准温度设置中调校。

请严格遵守以下事项：

- 本产品出厂已校温，为保证你使用温度的准确，更换发热芯后请先校温。
- 切刃触及烙铁头附件的金属部分；
- 切刃在易燃物体附件使用烙铁头；
- 通知工厂其他人士，风咀极为灼热。可能引发危险事故。
- 休息时或完工后应关闭电源。
- 更换部件或装置插拔发热芯时，应关闭电源，并待发热芯冷却至室温。

Precautions

When in use:

The temperature of the soldering iron tip is between 150 and 500 degrees Celsius;
The temperature of the hot air gun nozzle is between 150 and 500 degrees Celsius;

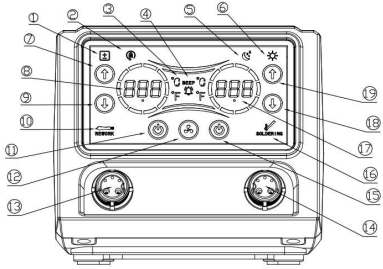
In view of the possible burns or fire caused by misuse, please strictly observe the following:

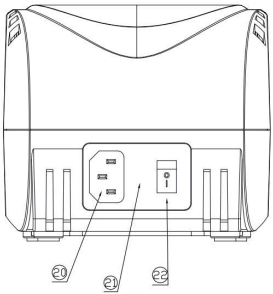
- When replacing parts, the power should be turned off and cooled to room temperature.
- Do not use the machine near gas, paper or other flammable objects.
- When replacing the heating core material, the model must be the same.
  Install the heating wire in the reverse process of disassembly.

To avoid damaging this product and maintain a safe working environment, the following matters should be observed:

- Do not modify this product.
- When working, please ensure good ventilation.
- Do not strike the main unit or strike it forcefully.
- Do not disassemble the main unit or weld the handle.
- Do not get the machine wet. Operate with wet hands.
- When replacing parts, please use the original factory parts.
- When using this machine, do not make any rash movements that may harm the human body or damage objects.

Product diagram





① Fine-tuning icon
② Lock icon
③ Fahrenheit/Photograph icon
④ Button sound effect icon
⑤ Sleep icon
⑥ Work instruction icon
⑦ Temperature bonding of desoldering table
⑧ Welding bench display area
⑨ Welding table temperature reduction key
⑩ Welding table heating indicator icon
⑪ Remove the start button of the welding station
⑫ Desoldering temperature/air switch button
⑬ Remove the socket of the welding station
⑭ Welded socket
⑮ Welding station power button
⑯ Welding table heating indicator icon
⑰ Soldering station display area
⑱ Welding table temperature reduction key
⑲ Welding temperature raised key
⑳ Power socket
㉑ Insurance tube
㉒ Main power switch

Product specification

SUPPLY VOLTAGE	110V~60Hz; 220V~50Hz	
SPECIFICATION OF FUSE	8A/250Vac@110V; 4A/250Vac@220V	
	SOLDERING IRON PART	FAN SECTION
OUTPUT VOLTAGE	9VDC	110 / 220 Vac
POWER	30W	600W
TEMPERATURE RANGE	150-500°C	150-500°C
HEATING ELEMENT	C210 integrated soldering tip	Resistive ceramic heating core

Product features

- HD touch screen smart digital display;
- New driving circuit design, heating speed is fast, stable and efficient;
- The soldering table adopts plug-in heating core, and the sensor is abnormal;
- The handle of solder/desoldering table is designed with professional ergonomics Comfortable to the touch;
- Welding/desoldering station handle with intelligent dormancy function, increase the service life of the handle;
- When the handle of the solder table does not operate for about 20 minutes in the sleep state, the solder table will automatically shut down to enhance safety;

Operating Instructions

Power-on/power-off function:

Press and hold the "welding station power button" for about 1.5 seconds to turn the welding station on or off
Press and hold the "De-welding Station power button" for about 1.5 seconds to turn the hot air de-welding station on/off

Welding station temperature setting:

Press the " ↑ " and " ↓ " keys on the right to set the temperature value;

Welding table removal degree setting:

After pressing the "De-welding Station Temperature/Air Volume Switch key", when the white light at the bottom turns on, press the " ↑ " or " ↓ " keys on the left to set the temperature value;

Wind speed setting of welding table:

After pressing the "Welding Station Temperature/Air Volume Switch Key", when the green light at the bottom is on, press the " ↑ " or " ↓ " keys on the left to set the fan wind speed value;
The screen shows "F60". After pressing the "de-welding station Temperature/Air Volume Switch key", the green light at the bottom goes out;

Note:
Under normal working conditions, quickly press the "Turn on welding Table"/" Turn on Welding Table "button twice to enter the corresponding menu mode, and the screen will display" -0 ";
When the menu mode is in the de-soldering station menu mode, the soldering station menu mode cannot be entered!
For example:
1. Press the "Soldering station power button" twice quickly to enter the soldering station menu mode. After that, the menu mode on the left side of the soldering station cannot be entered. You need to exit the soldering station menu mode before operating.
2. Press the "De-soldering station power button" twice quickly to enter the soldering station menu mode. After that, the menu mode on the right side of the soldering station cannot be entered. You need to exit the de-soldering station menu mode before operating.

Soldering iron menu Settings

00 step RETURN TO THE WORKING STATE

Press the "Welding Station Power on Button" twice to enter the menu Settings options, Press the "one" and "↓" keys to switch the menu. When switching to "000", press the "welding station power on key" to confirm and return to the normal working state。

01 step FAHRENHEIT/C SWITCH SETTINGS

Press the "Welding Station Power on Button" twice to enter the menu Settings options, Press the "↑" and "↓" keys to switch the menu. When switching to "001", press the "Soldering station power-on key" to enter the Settings.
After setting, press the "↑" or "↓" key and then press the "welding station power on button" to confirm and save. (Set range: C/F; Factory value: C)

02 step CALIBRATION TEMPERATURE SETTING

Press the "Welding Station Power on Button" twice to enter the menu Settings options, Press the "↑" and "↓" keys to switch the menu. When switching to "002", press the "Soldering station power-on key" to enter the Settings.
After setting, press the "Ge" or "↓" key, then press the "welding station power on button" to confirm and save. (Setting range: -99 to +99 units)

For example, if the set temperature is 350℃ and the actual temperature is 340℃, then add 10 to the above steps;
If the set temperature is 350℃ and the actual temperature is 360℃, then subtract 10 from the above steps;

03 step SLEEP TIME SETTING

Press the "Welding Station Power on Button" twice to enter the menu Settings options, Press the "↑" and "↓" keys to switch the menu. When switching to "003", press the "Soldering station power-on key" to enter the Settings,
After setting, press the "Ge" or "↓" key, then press the "welding station power on button" to confirm and save. (Setting range: 0-120 minutes; Factory value: 30)

04 step MENU LOCK SETTINGS

Press the "Welding Station Power on Button" twice to enter the menu Settings options, Press the "one" and "↓" keys to switch the menu. When switching to "004", press the "Soldering station power-on key" to enter the Settings,
After setting by pressing the "one" or "" key, press the" welding station power ON key "to confirm and save. (Setting range: ON/OFF; factory value: OFF)

Hot air menu Settings

00 step RETURN TO THE WORKING STATE

Press the "De-welding station Power button" twice to enter the menu Settings option, Press the "↑" and "↓" keys to switch the menu. When switching to "000", press the "De-welding station startup key" to confirm and return to the normal working state。

01 step FAHRENHEIT/CELSIUS SWITCHING SETTINGS

Press the "De-welding station power button" twice to enter the menu Settings option, Press the "↑" and "↓" keys to switch the menu. When switching to "001", press the "de-welding station startup key" to enter the Settings,
After setting, press the "↑" or "↓" key, then press the "de-welding station startup key" to confirm and save. (Set range: C/F; Factory value: C)

02 step CALIBRATION TEMPERATURE SETTING

Press the "De-welding station Power button" twice to enter the menu Settings option, Press the "↑" and "↓" keys to switch the menu. When switching to "002", press the "de-welding station startup key" to enter the Settings,
After setting, press the "↑" or "↓" key, then press the "de-welding station startup key" to confirm and save.(Set range: -99--+99 units)

For example, if the set temperature is 350℃ and the actual temperature is 340 ℃, then add 10 to the above steps;
If the set temperature is 350℃ and the actual temperature is 360℃, then subtract 10 from the above steps;

03 step BUZZER SETTINGS

Press the "De-welding station Power button" twice to enter the menu Settings option, Press the "↑" and "↓" keys to switch the menu. When switching to "003", press the "de-welding station startup key" to enter the Settings,
After setting, press the "Ge" or "↓" key, then press the "de-welding station startup key" to confirm and save. (Set range: ON/OFF; Factory value: ON)

04 step MENU LOCK SETTINGS

Press the "De-welding station Power button" twice to enter the menu Settings option, Press the "↑" and "↓" keys to switch the menu. When switching to "004", press the "de-welding station startup key" to enter the Settings,
After setting, press the "Ge" or "↓" key, then press the "de-welding station startup key" to confirm and save. (Setting range: ON/OFF; Factory value: OFF)

Hot air menu Settings

05 step

PASSWORD SETTING

Set the password for the first time:
Press the "De-welding station Power button" twice to enter the menu Settings option,
Press the "↑" key to switch the menu. When switching to "005", press the "de-welding station startup key" to enter the Settings,
Press the "↑" key to enter the initial password "000", and press the "↓" key to switch to the next digit. Finally, press the "De-welding station Startup button" to confirm.,
After confirmation, the screen will display "1". Press the "↑" or "↓" key to set "2", then press the "de-welding station startup key" to confirm. Enter password Settings;
(Setting range: 000-999; Initial password: 000)

Change password:
Just enter the old password once and press the "De-welding station startup button" to confirm;
After confirmation, the screen will display "1". Press the "↑" or "↓" key to set "2", then press the "de-welding station startup key" to confirm;
Enter the new password setting; You can set a new password now! Press the "De-welding station Startup button" to confirm and save;

How to clear a forgotten password?
Press the "De-welding station Power button" twice to enter the menu Settings option,
Press the "↑" and "↓" keys to switch the menu. When switching to "005", press the "de-welding station startup key" to enter the Settings,
Press the "↑" or "↓" key to set "123". Press the "de-welding station startup key" to confirm and enter the second password setting,
Press the "↑" or "↓" key to set "321" to clear the password.
(the initial password is: 000)

06 step

FACTORY DATA RESET

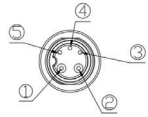
Press the "De-welding station Power button" twice to enter the menu Settings option,
Press the "↑" and "↓" keys to switch the menu. When switching to "006", press the "de-welding station startup key" to enter the Settings,
After setting, press the "↑" or "↓" key, then press the "de-welding station startup key" to confirm and save. (Set range: 0-1)
For example: Set 0 to not restore factory Settings; Set 1 to restore factory Settings;

Frequently Asked Questions

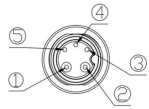
Fault/Code display	Possible reasons	Handling method
H-E	Faulty heating core	Check whether the heater is normal
S-E	Sensor failure	Check if the sensor is normalal
COR	Handle line not connected	Connect the handle plug
The heat gun will not rise	The temperature display shows the temperature, but the temperature of the hot air gun has not reached the set relative temperature or the gun has not been heated	The wire or heating core of the hot air gun is acceptable Can be damaged; Please replace it with a new hot air gun

Socket pin definition

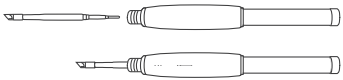
WELDING STATION SOCKET	
1-2	About 3R
3-5	About 50R
4	Vibration



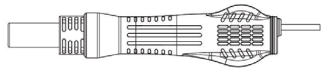
REMOVE THE SOCKET OF THE WELDING STATION	
1-2	About 82R@220V About 22R@110V
3	Ground wire
4	+24Vdc
5	Data



REPLACE THE SOLDERING IRON HEATER



REPLACE THE HEATING CORE OF THE FAN



Note:

If the air gun fails to heat up after replacing the heating core, check whether the heating core is firmly inserted and unplugged! Check if it is installed properly;

The following situations require temperature adjustment:

- Re-calibrate the temperature after replacing the heating core, otherwise the temperature will deviate.
- The temperature of the heating core needs to be corrected regularly. In addition, due to the different types of heating core selected, the temperature also needs to be corrected.
- Adjust in the temperature Settings of the menu calibration.

Please strictly observe the following:

- The temperature of this product has been calibrated before delivery. In order to ensure the accuracy of your use temperature, please calibrate the temperature first after replacing the heating core.
- Do not touch the metal part of the soldering iron head attachment.
- Do not use the soldering iron tip in the attachment of flammable objects.
- Inform others in the factory that the air nozzle is extremely hot. It may cause dangerous accidents.
- Power should be turned off during rest or after completion.
- When replacing the component or device to plug and unplug the heating core, the power should be turned off and the heating core should be cooled to room temperature.

Scan the code to learn more
扫一扫了解更多

Guangzhou KSL Electronic Technology Co., LTD

ADD 26F, Yinghao Building, No. 470 Dongjiao North Liwan District, Guangzhou City, Guangdong Province, China
TEL 400-001-8044
POSTCODE 510370
WEBSITE https://www.rf4tools.com

广州市快速立电子科技有限公司

地址 广东省广州市荔湾区东漖北路470号盈昊大厦26楼
电话 400-001-8044
邮编 510370
网址 https://www.rf4tools.com