

## 八、售后服务与支持

### 保修条例 (当产品需进行保修时, 请出示本保修卡)

自您签收之日起7日内, 本产品出现非人为性能故障的情况; 经由售后检测确定, 可免费享受退换货。

### 非保修条例

1. 未经授权的维修、拆装、改动等, 或撕毁涂改标签及防伪标记。
2. 因不可抗力/人为造成的损坏。
3. 因未按照说明书的操作步骤使用导致的性能故障。

### 售后注意事项

1. 退换货产品不得影响二次销售, 需原样发回产品及赠品。如质量问题导致退换, 请先垫付邮费, 待我们收到货返还。
2. 非质量原因导致退货, 若赠品已使用过, 需扣除赠品费用。
3. 不在保修范围内的产品, 我司可提供有偿维修服务。

### 用户信息

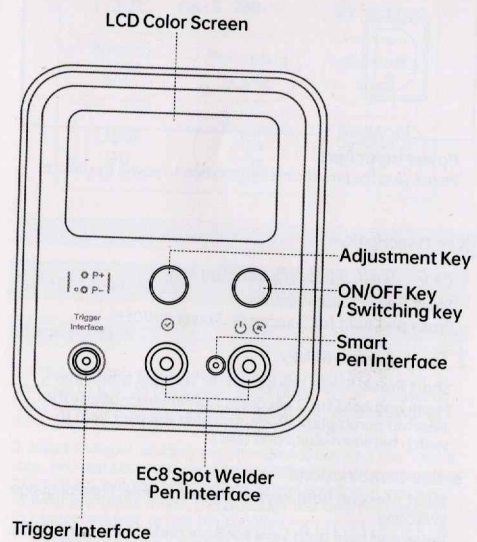
姓 名: \_\_\_\_\_ 联系电话: \_\_\_\_\_  
订单编号: \_\_\_\_\_ 购买日期: \_\_\_\_\_  
地 址: \_\_\_\_\_

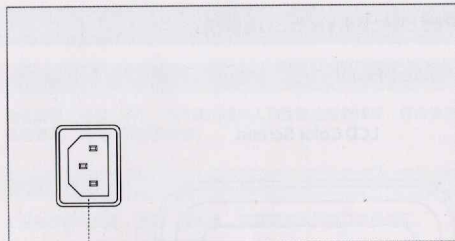
#### 合格证

产品检验: 合格  
质检员: 18

## Product Introduction

### Product Panel





#### Power Input Port

Please plug the power cord into this port to power the device

#### Key Description

##### 1. ⏻ 🔍 : ON/OFF Key/Switching key

Short Press: Switch options.

Press and hold for 2 seconds: Power ON/OFF.

##### 2. ⌚ : Adjustment key

Short Press: Single adjustment of selected parameters.

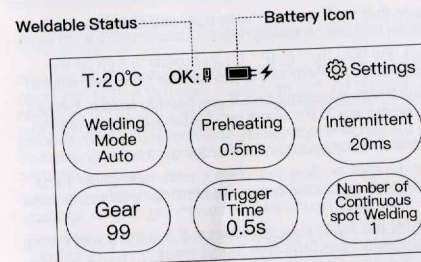
Press and hold for 2 seconds: Continuously adjust the selected parameters (Press and hold the gear item to switch between digits and tens).

##### 3. Key Combinations

Short press on both keys at the same time: Fast language switching.

Press and hold both keys for 5 seconds at the same time: Restore factory settings (except for language, welding sound and screen brightness settings).

#### Interface Icon



#### Steps for Use

##### Steps for Use

1. After connecting the power, press and hold "⏻ 🔍" for 2 seconds to turn on the power, short press "⏻ 🔍" to switch the setting options, the cursor stays at the required setting item, short press "⌚" to adjust the parameters.
2. Insert the spot welding pen, the device displays the "OK: 🔍" icon, you can carry out welding operations, it is recommended to carry out welding tests before formal welding. If you need to weld in manual mode, please touch the smart pen button to trigger welding, or use the supplied foot switch, note that you need to connect the cable to the trigger interface of the device first.

Take the spot welding of nickel sheet and battery as an example

1. Ensure that both ends of the battery and nickel sheets are flat, clean and corrosion-free.
2. Press and hold the "⏏" for 2 seconds to turn on the device and set the gear of the spot welder and other values.
3. Install the spot welding pen, if you need to weld in manual mode, please touch the smart pen button to trigger welding, or use the supplied foot switch, note that you need to connect the cable to the trigger interface of the device first.
4. Hold the spot welding pen, press it with appropriate force to make good contact between the welding needle and nickel piece, nickel piece and battery, no overhang, no poor contact.
5. Wait for the welding current output, if it is in manual mode, touch the smart pen button to trigger welding or foot switch pedal once, spot welding once.

**Note:** Try different gears and press force until the welding strength reaches the highest. It should be noted that higher gears may not necessarily result in stronger welding.

### Backstage Setup Steps

1. Short press "⏏" to switch to "⚙️ Settings", short press "⏏" to enter the backstage interface. Short press "⏏" to hover the cursor to "⚙️ System Settings", short press "⏏" to enter the setting operation.
2. Short press "⏏" to switch the backstage setting options, the cursor stays in the required backstage setting item, short press "⏏" to adjust the parameters.
3. When the backstage setting is finished, short press "⏏" to switch the cursor to "⏏ Return to main menu", short press "⏏" to return to the main menu, and then short press "⏏" to switch the cursor to "⏏ Return", short press "⏏" to return to the main interface.

## Functional Description

### Interface Functional Description

**Welding Mode:** Auto/Manual, manual mode need to touch the smart pen button to trigger welding, or use the supplied foot switch, note that you need to connect the cable to the trigger interface of the device first.

**Preheating:** Used to remove the oxidized layer on the welding material.

**Intermittent:** The interval between preheating and formal welding.

**Gear:** Output power level, press and hold "⏏" to switch the digits and tens, short press to adjust the parameter value.

**Trigger Time:** The time to trigger the formal welding output when the welding pen touches the weld material and forms a circuit.

**Number of Continuous Spot Welding:** Number of consecutive spot welds without removing the spot weld pen.





### Backstage Setup Instructions

EN Language, Set the system language.

⌚ Interval Time of Continuous Spot Welding, Set the temporal interval between number of continuous spot welding when welding continuously.



🔊 Welding Sound, Set to enable or disable the sound.

☀️ Screen Brightness, Set the display brightness of the screen.

-  **Screen Rotation**, Set the display direction of the screen.
-  **Timed Shutdown**, Set how long the device will shut down after a period of no operation.
-  **Restore Factory Settings**, Set the values of the device to the factory initial values.
-  **Return to main menu**, Returning to the main menu.

## Specification

### Welding Icon Description

- OK:  Indicates that the conditions for spot welding are reached and can be used for spot welding.
-  Indicates that the spot welder is low on power and does not meet the welding conditions for spot welding and cannot be spot welded.

**Note:** To maintain better welding effect, please keep the device connected to electricity for use.

### Automatic Shutdown

The product will automatically shut down when there is no operation for 8 minutes.

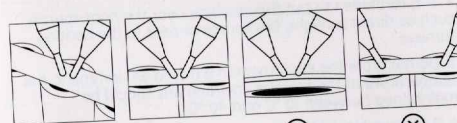
### Temperature control protection

**Discharge protection:** When the system detects the internal temperature  $>60^{\circ}\text{C}$  or  $<-10^{\circ}\text{C}$ , the discharge protection will be turned on and the spot welding function will be closed, and it will be resumed when the internal temperature recovers to  $-6^{\circ}\text{C}\sim 56^{\circ}\text{C}$ .

**Charge protection:** When the system detects the internal temperature  $>60^{\circ}\text{C}$  or  $<0^{\circ}\text{C}$ , the charge protection is on, the system will prohibit charging, and the charging function will return to normal when the internal temperature recovers to  $4^{\circ}\text{C}\sim 56^{\circ}\text{C}$ .

### Welding instruction

1. When spot welding, just gently put the welding pen on the nickel piece, do not press hard on the welding pen, turn down the gear if the solder joint is black, increase the gear if the melt pool is too small, before welding you can use blade, stainless steel bowl and other iron and stainless steel with a large surface to try first, It will be much smoother to solder batteries after familiarization.
2. Spot welding tips may be oxidized after repeated use, if the welding performance decreases, it is recommended to use abrasive paper to gently polish off the blackened part.
3. The spacing of welding pens is also an important factor affecting the welding effect, you should avoid using incorrect techniques.



Good contact  
and correct  
position without  
overhang

Wrong  
welding  
position

Nickel sheet  
overhang  
Non-weldable

Misaligned  
batteries  
too far away



### About the Welding Effect

The effect of welding is affected by the welding strength, operation technique, ambient temperature and other factors, different users have different proficiency, the thickness and effect of welding are also different, so we recommend practicing more.

### Precautions

1. Do not modify, disassemble or repair the product on your own.
2. Do not make the product contact with any liquid, please do not immerse the product in water or make it wet. Do not use the machine in the rain or humid environment.
3. The product is recommended to be used in an ambient temperature range of 15°C to 50°C, the temperature beyond the range of use will affect the spot welding effect and service life of the spot welding machine.
4. It is forbidden to put the machine near the heat source, such as direct sunlight, fire source or next to the heating furnace.
5. Do not store the equipment in a humid environment, the temperature of the storage environment should be maintained between 10 °C and 40 °C.
6. If the machine is left unused for a long time, it is recommended to energize it every 2~3 months or so.

### Product Parameters

#### Basic Specification

Product Name	Spot Welder
Product Model	UF20B
Color Screen Size	2.4 inches
Product Size	80*95*181 mm
Design Current	See product labeling