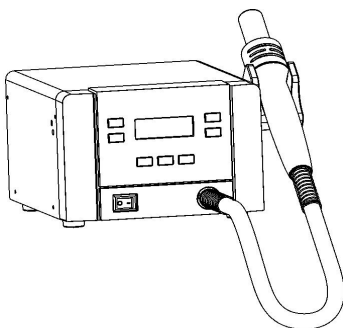




QUICK 862DW+/862DA+  
REWORK STATION  
Instruction Manual



**Thank you for purchasing our products. Please keep  
the instruction manual properly for future reference.**



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# 1.Safety Instructions



## CAUTION

- During the installation and use of this product, all electrical safety regulations of the country and regions must be strictly observed.
- The power supply must be disconnected when disassembling the product. Do not operate with power on.
- If the product does not work properly, please contact the supplier or our company, and do not disassemble or change the product in any way. We are not responsible for any problems caused by unauthorized maintenance or modification.



## WARNING

- Don't install the product in a place where the surface is easy to shake or be impacted, as it may damage the product.
- Don't place the product in places where it may be exposed to rain or moisture.
- The product should be used away from places where there is magnetic interference.
- Don't use in flammable and explosive environments.
- Pay attention to the air outlet and its surroundings. High temperature operation, be careful of burns.
- Power supply should be turned off during breaks or after work to avoid safety accidents.
- Please keep the air outlet unblocked and ensure there is no obstruction.
- Check and maintain the product regularly. Do not use the product when it is damaged, especially when the power cord is damaged.
- The handle must be correctly placed on the holder, and do not replace it on the work surface.After completion,turn off the power switch when the machine automatically cools down to below 100°C (Enter Sleeping state).
- When the machine is not used for a long time, please unplug the power cord.

## **2.Overview**

This product is used to rework various components, such as SMD, SOP, SOG, etc. It can be used in different applications, such as heat shrinkage, drying, paint removal, adhesive removal, thawing, preheating, disinfection, etc. Adjustable air volume, suitable for small air volume and large air volume heating occasions.

## **3.Product Characteristics**

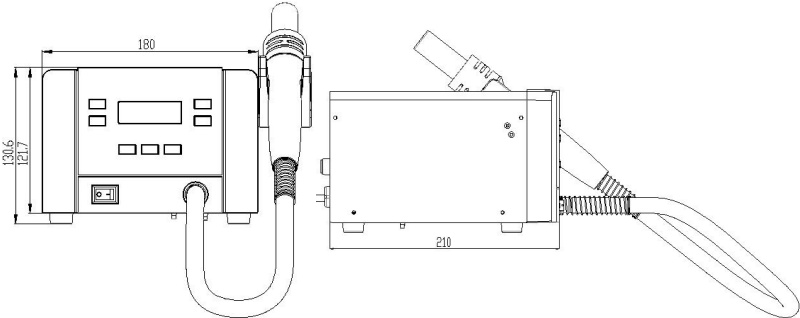
- CH1, CH2, CH3 three working channels selectable, air volume and temperature of each channel can be preset and saved.
- Password protection and key locking.
- Magnetic switch control, convenient and real-time operation.
- Auto sleeping function, parameters can be set in sleeping mode.
- Closed loop sensor, temperature can be controlled by zero voltage triggering mode and adjusted conveniently, accurate and stable, large power, rapid heating.
- Brushless vortex fan, adjustable and wide range of air flow.
- Automatic cooling system can prolong the lifetime of heater and protect the handle.

## 4.Product Specifications

Product model	862DW+	862DA+
Display	LCD screen	
Power	1000W	
Steel tube	Direct wind	Vortex wind
Working voltage	AC 110V/220V/230V	
Temperature range	100°C~500°C/ 212°F ~932 °F	
Airflow range	1~120 Class	
Max Airflow	50L/min	
Dimensions(L×W×H)	180*210*130.6mm	
Weight	About 2.6 kg	

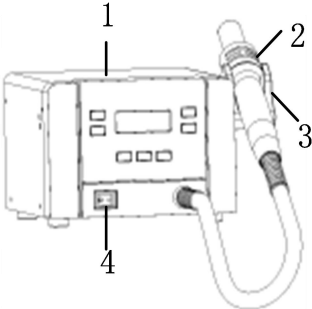
# 5.Functional Descriptions

## 5.1.Dimensions



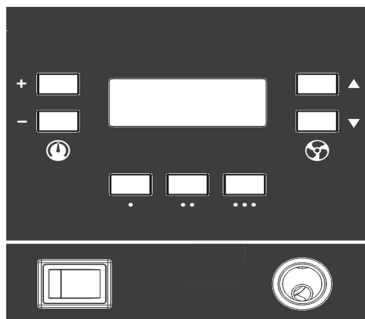
**Unit: mm**

## 5.2.Part Descriptions



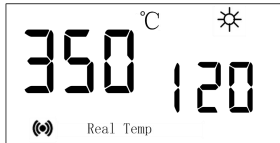
NO.	Part Descriptions
1	Main unit
2	Handle
3	Holder
4	Power switch



## 5.3.Key Descriptions



Button	Functions
<ul style="list-style-type: none"> <li>•</li> <li>••</li> <li>•••</li> </ul>	<ol style="list-style-type: none"> <li>1. Press •~••• to switch to channels 1~3.</li> <li>2. Press • and •• at the same time to set the key tone.</li> <li>3. Press • and ••• at the same time to enter the temperature calibration mode.</li> <li>4. Press •• and ••• at the same time to switch between Fahrenheit and Celsius.</li> </ol>
+/-	Adjust the temperature
▲/▼	Adjust the airflow

## 5.4.Function Descriptions of the Main Interface



Symbols	Descriptions
	Heating state
	Display: Indicates that the key tone and alarm are on. No display: Indicates that the key tone and alarm tone are off.
Real Temp	Real-time temperature

## 6.Installation and Connection

### 6.1. Installation of Rework Station

When the station is used for the first time, the hot air holder must be installed, as shown in the figure below.

- 1) Remove the two screws on the left side of the machine that fixed the holder.
- 2) Align the mounting hole of the hot air desoldering holder with the two screw holes on the machine, and tighten the two screws that are removed.
- 3) Install the hot air desoldering holder, place the handle on the holder, and check whether it is suitable.

**Note:** The hot air handle holder can be installed on the left or right side of the system according to actual needs.



### 6.2.Connection of Main Unit

Connect the power supply to the station, turn on it and start working.

## **7. Temperature, Air Volume and Channel Settings**

### **7.1. Temperature Settings**

Press "+" or "-" button: temperature increases or decreases by 1°C.

Long press "+" or "-" button: temperature increases or decreases rapidly.

### **7.2. Air Volume Settings**

Press " ▲ " or " ▼ " button: air volume increases or decreases by 1.

Long press " ▲ " or " ▼ " button: air volume increases or decreases rapidly.

### **7.3. Channel Settings**

Press •, ••, or ••• to select channels 1~3. Long press •~••• to save the airflow and temperature values of the current Channel

## 8. Operation

**In the initial state (the password is 000) , the system is unlocked, and parameter settings and channel selection can be performed.**

1) Place the rework station on the workbench, choose a suitable nozzle, try to use a large diameter nozzle and then place the handle on the holder.

2) Connect the power supply to product, turn on the power switch.

3) Remove the handle from the holder, the system enters the normal working state. When the temperature is stable, the temperature screen displays "Real Temp".

4) If it is in the non-password locking state, the temperature and air volume parameters can be modified. Refer to "7. Temperature, Air Volume and Channel Settings".

5) If the password is locked, the screen will display "no" after power on. In the working state, the temperature and air volume parameters cannot be modified.

6) After the work is completed, the handle must be placed on the holder, at this time the rework station automatically enters the cooling stage. When the temperature cooling to 100°C, it will enter the sleeping state and display "---" .

## 9.Password Settings

In the initial state (the password is 000) and the password setting steps as follows.

1) Turn off the power switch firstly, press the key "••" and turn on the power switch at the same time. Not loosely the "••" key until the screen displays "C". After that, the screen displays "Password"and "SET", which means the station comes into the password setting state.

2) Hundreds digit blinks, enter the first password input interface. Press "+" or "-" to select the password value, press "▲" and "▼" to select the digits, enter the digits in sequence, and press "••" to confirm.

Note:

a. Input the password twice.

b.If the passwords input for two consecutive times are inconsistent, the screen displays "no", indicating that the password modification is unsuccessful, and then the system enters the working state.

c.If the password input for two consecutive times are the same, the screen will display "SAV \_\_\_"and give a alarm tone (key tone on state), indicating that the password is changed successfully, and the system will enter the working state.

3)After the password is changed, you must input the correct password to enter the password setting. The setting procedure is as follows:

a.Input the correct password.

b.If the password is not input correctly: the screen displays "no", and directly enter the working state.(If the key is locked, it cannot be modified)

c.If the password is input correctly: the screen will display "SET" for about 20 seconds.

\*When the screen display "SET", press the key "••" to enter the new password setting (refer to the initial password setting).

\*If the screen displays "SET", press the "•" or "••" key to exit the password setting and directly enter the working state ((If the key is

locked, it cannot be modified).

\*If you do not do any operation when the screen displays "SET", the system will directly enter the working state (If the key is locked, it cannot be modified).

After setting the password, turn on the power switch, and the screen will display "no" and officially enter the working or sleeping state.

 **Note:**

**In the initial state, you can directly change the password without entering the password "000" to enter the password setting screen. After the password is set, it needs to be powered off and then powered on again to activate the parameter lock function.**

## **10.Key Tone Settings**

Press the "." and ".." keys at the same time for about 2 seconds to switch the enable/disable of the tone.

## **11.Sleeping**

### **11.1.Enter Sleeping**

1) Put the handle on the holder, and the system will automatically enter the large air volume cooling state; when the display temperature drops to 100 °C, the system will immediately enter the sleeping state.

2) When the station enters the sleeping state, the screen displays "off"; after the station enters the sleeping state, the screen displays "Sleep"

### **11.2.Wake Up Sleeping**

When the handle is removed from the holder, the station immediately enters the working mode.

## **12.Temperature Calibration**

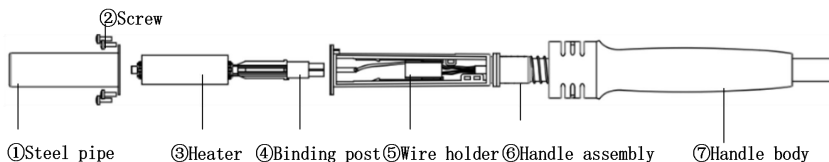
The temperature should be recalibrated every time if the heating element is replaced.

The calibration method with QUICK196 temperature tester is as follows  
(Please calibrate under low temperature 300°C and high temperature 450°C)

- 1) In the working state, set the calibration temperature 300°C and 500°C respectively.
- 2) When the temperature is stable, test the air outlet temperature with QUICK196 and record the reading value. Press the keys "•" and "•••" at the same time for 5 seconds, and then the LCD will display "cal" for 2 seconds and the station will enter the temperature calibrating mode.
- 3) Input the testing temperature after the hundreds digit blinks. Press "+" or "-" key to set the data and press "▲" or "▼" key to move the cursor. After inputting the testing result, press the "••" key for confirmation, and the temperature calibration is completed.
- 4) If calibration is successful, the LCD respectively displays "C-L/C-H", if not successful, the LCD displays "no".
- 5) In the working state, when the temperature is stable (300°C/450°C), use the temperature tester to measure the temperature of the air outlet of the handle again. If the temperature still has errors, repeat the calibration according to the above steps.

Note: If there is no QUICK196, it is recommended that the temperature measuring head of the external sensor of the thermometer be placed 3~5mm away from the nozzle for temperature test.

## 13.Replacing the Heater



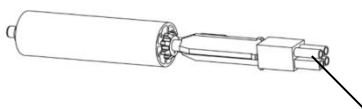
### 13.1.Steps of removing the Heater

- 1) Unscrew four ②Screws.
- 2) Push the ⑥ Handle assembly out of the ⑦ Handle body.
- 3) Pull out the ① Steel pipe.
- 4) Pull out ③ Heater.
- 5) Make a replacement.

Note: All operation steps are carried out with the power disconnected and the handle cooled.

### 13.2.Steps of replacing the Heater

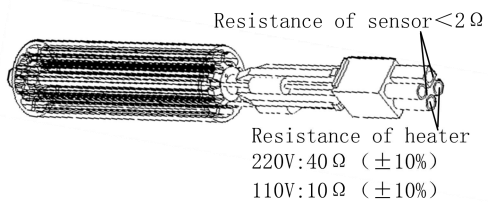
- 1) Install the ③Heater on the ⑥Handle assembly, and insert the square column on the ③ Heater into the square hole on the ⑤Wire holder.



The square is opposite to the square hole of wire holder

- 2) Put ①Steel pipe on the ③Heater.
- 3) Install the ⑥Handle assembly into the ⑦Handle body, pay attention to the alignment of the four holes.
- 4) Screw on four ②Screws.

5) After replacing the heater, please do the following measurements:



6) After the heater is replaced, it is recommended to calibrate the temperature (See the Temperature Calibration steps for details)

Note: Do not burn the wiring when you replace the heater, and do not solder the wiring for too long time.

## 14.Troubleshooting

<b>No.</b>	<b>Error</b>	<b>Fault Descriptions</b>
1	H-E	Indicates that there is a problem with the heater and the heater needs to be checked or replaced.
2	S-E	Indicates that there is a problem with the sensor and the sensor needs to be checked or replaced.
3	F-E	Indicates that the fan is faulty and needs to be checked or replaced.

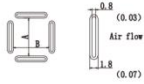
# 15. Selection of Nozzles

## NOZZLES

### NOTE

The size in Name/Specification

indicates the size of IC package



<p>A1125 QFP 10×10 (0.39×0.39)</p>	<p>A1126 QFP 14×14 (0.55×0.55)</p>	<p>A1127 QFP 11.5×17.5 (0.69×0.69)</p>	<p>A1128 QFP 14×20 (0.55×0.78)</p>	<p>A1129 QFP 28×28 (1.1×1.1)</p>	<p>A1135 PLCC 17.5×17.5 (0.69×0.69) (44 Pins)</p>	<p>A1136 PLCC 20×20 (0.78×0.78) (52 Pins)</p>	
<p>A1137 PLCC 25×25 (0.98×0.98) (68 Pins)</p>	<p>A1138 PLCC 30×30 (1.18×1.18) (84 Pins)</p>	<p>A1139 PLCC 12.5×7.3 (0.49×0.29) (84 Pins)</p>	<p>A1140 PLCC 11.5×11.5 (0.45×0.45) (28 Pins)</p>	<p>A1141 PLCC 11.5×14 (0.45×0.55) (32 Pins)</p>	<p>A1180 BQFP 17×17 (0.67×0.67)</p>	<p>A1181 BQFP 19×19 (0.75×0.75)</p>	
<p>A1182 BQFP 24×24 (0.94×0.94)</p>	<p>A1184 SOJ 18×8 (0.71×0.31)</p>	<p>A1186 TSOJ 13×10 (0.51×0.39)</p>	<p>A1186 TSOJ 18×10 (0.71×0.39)</p>	<p>A1187 SOP 18.5×8 (0.73×0.31)</p>	<p>A1188 PLCC 9×9 (0.35×0.35) (20 Pins)</p>	<p>A1214 SOJ 10×26 (0.39×1.02)</p>	
<p>A1257 SOP 11×21 (0.43×0.83)</p>	<p>A1258 SOP 7.6×12.7 (0.3×0.5)</p>	<p>A1259 SOP 13×28 (0.51×1.1)</p>	<p>A1260 SOP 8.6×18 (0.34×0.71)</p>	<p>A1261 QFP 20×20 (0.78×0.78)</p>	<p>A1262 QFP 12×12 (0.47×0.47)</p>	<p>A1183 SOJ 16×8 (0.59×0.31)</p>	
<p>A1264 QFP 45×40 (1.67×1.67)</p>	<p>A1265 QFP 32×32 (1.26×1.26)</p>	<p>A1263 QFP 28×40 (1.1×1.67)</p>	<p>A1131 SOP 4.4×10 (0.17×0.39)</p>	<p>A1132 SIP 5.6×13 (0.22×0.51)</p>	<p>A1133 SOP 7.5×15 (0.3×0.59)</p>	<p>A1134 SOP 7.5×18 (0.3×0.7)</p>	
<p>A1189 PLCC 34×34 (1.34×1.34)(100 Pins)</p>	<p>A1203 QFP 35×35 (1.38×1.38)</p>	<p>A1215 QFP 42.5×42.5 (1.67×1.67)</p>	<p>A1191 SIP 25L (0.98)</p>	<p>A1192 SIP 50L (1.97)</p>	<p>A1121 Single ø6.4 (0.25)</p>	<p>A1300 Single ø8.4 (0.33)</p>	<p>A1301 Single ø12.7 (0.5)</p>
<p>A1280 BGA24×24 (0.94×0.94)</p>	<p>A1281 BGA26×26 (1.02×1.02)</p>	<p>A1282 BGA31×31 (1.22×1.22)</p>	<p>A1283 BGA38×38 (1.5×1.5)</p>	<p>A1284 BGA41×41 (1.6×1.6)</p>	<p>A1285 BGA44×44 (1.7×1.7)</p>	<p>A1286 BGA15×15 (0.6×0.6)</p>	



## Warranty Card

●The warranty period of this product is calculated from the date of Purchase. During the warranty period, if the product breaks down during normal use, show the original warranty card and enjoy free service in the authorized repair company(or our company). Please keep the purchase certificate and this warranty card and show it before maintenance.

●During the warranty period, the following repairs need to be paid:  
a.Unable to offer valid warranty card or certificate;  
b.The purchase date, sales company and other items are not completely filled or the warranty card is altered;  
c.Damage caused by failure to follow the use methods and precautions in the manual;  
d.Damage caused by disassembly, repair and modification of products without authorization of the manufacturer;  
e.Replacement of vulnerable and consumable parts.

●All items of the warranty card shall be completely filled in by the agent or user to obtain a 12-month warranty period.  
●Please keep this warranty card properly It will not be re-offered after.

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FAX: 86-519-86558599  
POSTCODE: 213167  
WEBSITE: www.quick-global.com

## Warranty Card

Type: \_\_\_\_\_

Model No.: \_\_\_\_\_

Serial No.: \_\_\_\_\_

Delivery Date: \_\_\_\_\_

## Warranty File Card

Type: \_\_\_\_\_

Model No.: \_\_\_\_\_

Serial No.: \_\_\_\_\_

Delivery Date: \_\_\_\_\_

Address : \_\_\_\_\_

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