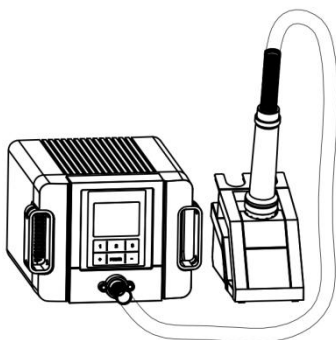




QUICK TR1300A SMD REWORK STATION

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 to Sleeping state).
- Please unplug the power cord when the product is not used for a longtime.

2.Overview

This product is suitable for desoldering and soldering of various components, such as SMD, SOP, SOG, etc. It can be used in many occasions, 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

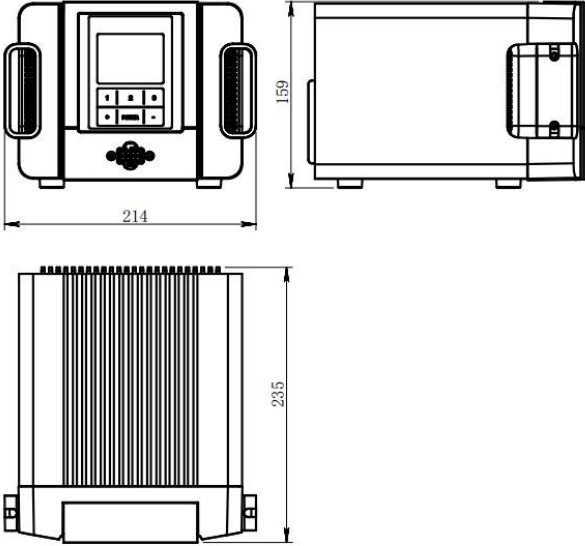
- High-power design intelligently distributes and effectively guarantees abundant heat supply.
- Output constant flow, not affected by the size of the nozzle, air duct, extrusion deformation.
- The temperature setting is combined with segmented heating, preheating and quick desoldering, efficient and safe.
- Automatic identification design, when the handle does not match the main unit, it will alarm.
- Beautiful appearance entity key, easy to operate.
- Quickly switch 3 different temperature joints to meet different soldering process requirements of different products.
- Password lock function, facilitate the production process parameters control.
- More intimate safety protection design to deal with sudden power failure and restart, after confirmation then it can be heated to ensure safety.
- Fahrenheit Celsius two temperature scale modes can be switched freely.
- Auto shutdown function, reduce costs and save energy.

4.Product Specifications

Model	TR1300A
Display	LCD
Power consumption	1300W
Voltage	AC 220V
Temperature range	100°C~500°C/212°F~932°F
Temperature stability	±2°C (Stationary air, no load)
Air volume	6~70L/Min
Max Ambient temperature	40°C
Dimensions (W*H*D)	214*235*159 mm
Weight	About 5.0kg

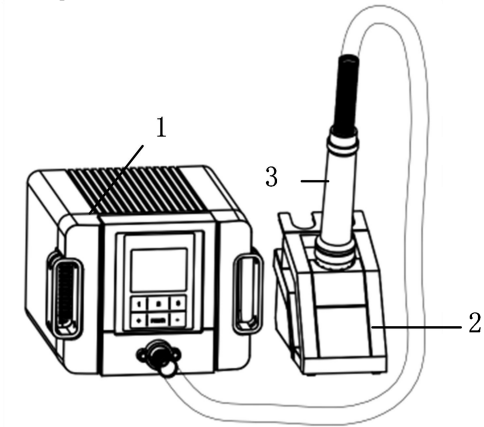
5.Functional Descriptions

5.1. Dimensions



Unit: mm

5.2. Part Descriptions

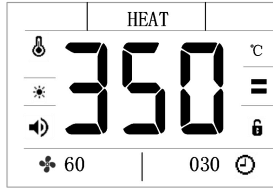












NO.	Part Descriptions
1	Main unit
2	Holder
3	Handle

5.3. Key Descriptions

Key	Function Descriptions
CH	<ol style="list-style-type: none"> 1. Long press “CH” key on the main interface to switch between CH1, CH2 and CH3. 2. Press “CH” key on the menu setting interface to enter or save. 3. Press “T+” and “CH” key at the same time on the main interface, time increase; press “F+” and “CH” key at the same time, time decrease.
T+/F+/T-/F-	<ol style="list-style-type: none"> 1. In sleeping state, long press “T-” and “F-” key at the same time on the main interface to enter the menu setting interface. 2. Working state, long press “T+” and “F+” key at the same time on the main interface to enter the temperature calibration interface. 3. Press “T+/T-” key on the main interface, temperature rise/drop. Press “F+/F-” key on the main interface, air volume rise/drop. 4. Press “T+” key on the menu setting interface to turn page, press “F+” key to return.

5.4. Function Descriptions of the Main Interface



Symbols	Descriptions	Symbols	Descriptions
CH1	Channel		Air volume
	Heating state		Time
1  2  3 	1.Indicates the heating state 2.Indicates that the set temperature is reached 3.Indicates the cooling state	°C/°F	°C/°F interchangeable
	Buzzer on		Buzzer off
	No password lock		Password lock

6. Turn On/Off

Switch on/off, which can be divided into hard switch and soft switch.

- 1) Hard switch on / off: The power switch on the back of the main unit can realize hard switching.
- 2) Soft switch on/off: After hard switch, press any key to power on. If there is no operation within 10 seconds, it will automatically shut down. At this time, you need to long press the "POWER" key to power on.

7. Sleep and Wake up

- 1) When the handle is placed on the holder, screen display "COOL", the machine immediately turns on the cooling function of large air volume, until the cooling temperature is below 100 °C, then enters the sleeping state.
- 2) Wake up from sleep: press any key to wake up from sleep.

8. Temperature Settings

 Note:

- 1) When setting the soldering temperature, make sure that the soldering temperature is adjustable.
- 2) Enter the correct password, or the initial password "000000".

There are four channels in total. CH0, CH1, CH2, CH3. CH0 is a temporary channel. If the password is not locked, the parameters can be modified in the main interface. CH1-3 are preset channels, you need to enter the setting interface to modify the corresponding parameters. Long press the "CH" key for 1S to switch CH1-CH3 channels in sequence. When switching channels, the parameters of the temporary channel CH0 will be overwritten by the parameters of the currently selected channel.

9.Menu Settings

When the handle is placed on the holder, the machine enters sleeping state after temperature cooling to below 100 °C, long press key“T-”and “F-”at the same time to enter the menu setting interface.



SET	
▶CH1 Data	
• CH2 Data	
• CH3 Data	
• Alarm temp	
• Key tone	
• Unit	
>>>	ENTER BACK

9.1. Channel Settings

- 1) Press the "CH" key to enter the "Channel 1-Channel 3" setting interface.
- 2) Press the "T-" key or "F-" key to change the value. Press the "T+" key to move down to set the time and air volume.
- 3) Press "CH" to save, press "F+" to return to the main interface.

SET	
▶CH1 Data	CH1 Data
• CH2 Data	Temp: 200°C
• CH3 Data	Time: 050
• Alarm temp	Flow: 030
• Key tone	
• Unit	
>>>	ENTER BACK

SET	
▶CH1 Data	CH1 Data
• CH2 Data	Temp: 200°C
• CH3 Data	Time: 050
• Alarm temp	Flow: 030
• Key tone	
• Unit	
>>>	ENTER BACK

9.2. Alarm Temperature Settings

- 1) Press "T+" to select the "Alarm temperature" setting.
- 2) Press the "CH" key to enter the alarm temperature ON/OFF selection interface.
- 3) Press the "T+" key to select ON to turn on the temperature exceeding alarm function or OFF to not alarm. You can press the "T-" or "F-" key to modify the alarm temperature. The setting range of the upper and lower limits of the alarm temperature is 02 to 99°C.
- 4) Press "CH" to save, press "F+" to return to the main interface.

SET	
● CH1 Data	Alarm temp
● CH2 Data	<input checked="" type="checkbox"/> ON <input type="checkbox"/> OFF
● CH3 Data	
▶ Alarm temp	Parameter(°C)
● Key tone	20
● Unit	
>>>	ENTER BACK

SET	
● CH1 Data	Alarm temp
● CH2 Data	<input checked="" type="checkbox"/> ON <input type="checkbox"/> OFF
● CH3 Data	
▶ Alarm temp	Parameter(°C)
● Key tone	20
● Unit	
ON/OFF	ENTER BACK

9.3. Key Tone Settings

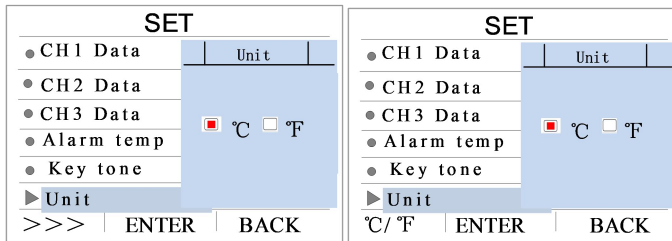
- 1) Press "T+" key to select "Key Tone "setting.
- 2) Press "CH" key to enter the key tone setting interface. Press "T+" key to select ON or OFF to switch the sound function.
- 3) Press "CH" key to save and "F+" key to return to the main interface.

SET	
● CH1 Data	Key tone
● CH2 Data	<input checked="" type="checkbox"/> ON <input type="checkbox"/> OFF
● CH3 Data	
● Alarm temp	
▶ Key tone	
● Unit	
>>>	ENTER BACK

SET	
● CH1 Data	Key tone
● CH2 Data	<input checked="" type="checkbox"/> ON <input type="checkbox"/> OFF
● CH3 Data	
● Alarm temp	
● Key tone	
▶ Unit	
ON/OFF	ENTER BACK

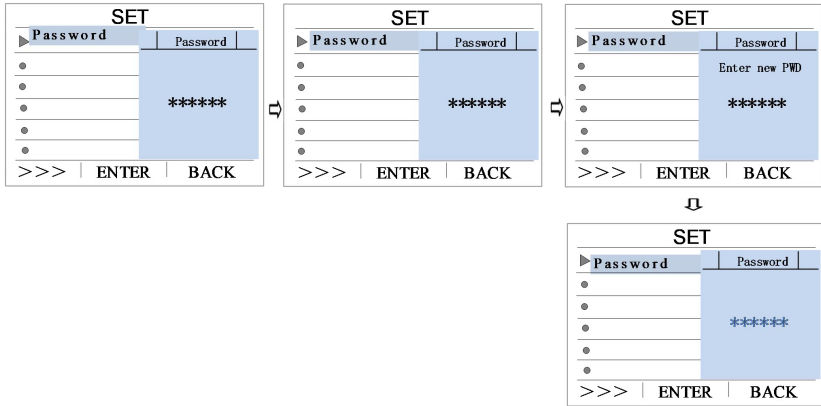
9.4. Temperature Unit Settings

- 1) Press "T+" key to select the "temperature unit" setting.
- 2) Press "CH" key to enter the Celsius or Fahrenheit unit selection interface, and press "T+" key to select the required unit.
- 3) Press "CH" to save and "F+" key to return to the main interface.



9.5. Password Settings

- 1) Press "T+" key to select "Password" setting.
- 2) Press "CH" key to enter password setting interface.
- 3) Press "CH" key to enter the password input interface, and input the old password (original password 000000). Then press "CH" key to enter the new password input interface. Press "T-" or "F-" key to select the value (0 ~ 9), and press "T+" to change the digit.
- 4) Press "CH" key to save and "F+" key to return to the main interface.

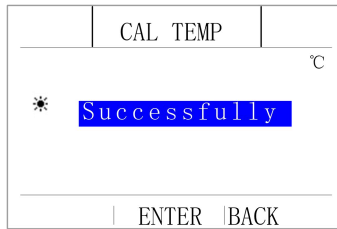
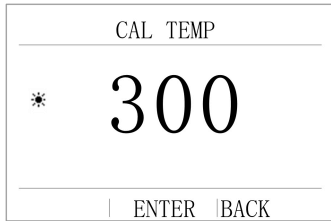


10. Temperature Calibration

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

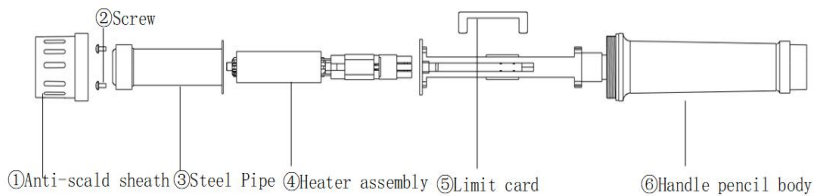
Calibrate with temperature tester

- 1) Set a certain temperature value.
- 2) In the working mode, when the temperature is stable, test the air outlet temperature with QUICK196 and record the reading value.
- 3) Long press the keys "T+" and "F+" at the same time, after 10s enter the temperature calibration mode, the temperature value displayed on the screen flashes. Press the "T-" or "F-" key to change the value, and press the "CH" (ENTER) key to confirm, then calibration succeed.



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.

11. Replacing the Heater

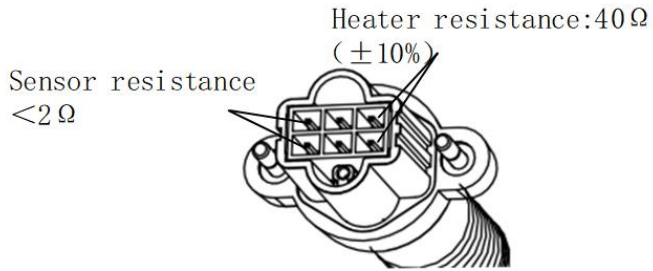


11.1.Steps of Removing the Heater

- 1) Turn the handle end spring away from the handle end.
- 2) Unscrew ① Anti-scald sheath at the front end of the handle counterclockwise.
- 3) Remove the four screws of ③ Steel pipe fixing ④ Heater assembly.
- 4) Pull out ④ Heater assembly from ⑥ Handle pencil body, and pull out ③ Steel pipe.
- 5) Pull out ⑤ Limit card on both sides of the green socket.
- 6) Unplug the green plug on ④ Heater assembly from the green socket of the handle.

11.2.Steps of Replacing the Heater

- 1) Align the green plug on ④ Heater assembly with the green socket on the handle and insert it vertically.
- 2) Put ⑤ Limit card on both sides of the green socket.
- 3) Put ③ Steel pipe on ④ Heater assembly.
- 4) Install ④ Heater assembly into ⑥ Handle pencil body.
- 5) Tighten four ② Screws.
- 6) Tighten ① Anti-scald sheath.
- 7) Turn the spring counterclockwise to the rear of the handle.
- 8) After the heater is replaced, please do the following measurements:



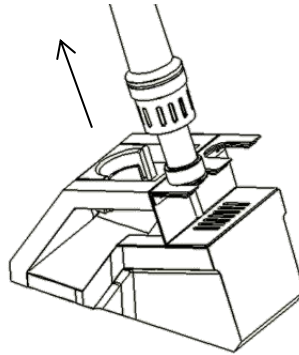
9) After replacing the heater, recalibrate the temperature (refer to temperature calibration).

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

12. Installing and Removing the Nozzle

1) Installation: Insert the selected nozzle into the air outlet steel pipe of the handle, and then press the air nozzle into the air outlet steel pipe by hand, and make sure that the air nozzle has been clamped before use.

2) Removing: When disassembling the air nozzle, remove the handle from the air gun stand, and snap the outer circle of wings on the air nozzle into the disassembly groove as shown in the figure, and it must be bottomed out. Then fix the air gun holder with one hand, and pull the handle up with the other hand to take out the air nozzle.



⚠ Note:

*Air nozzle can be customized.

*Replace the air nozzle after cooling down to avoid scalding.

*The steel pipe of this product will be slightly yellowed after aging at 500 degrees. This phenomenon is a normal aging color, please rest assured to use.

13. Troubleshooting

NO.	Error display	Error description
1	NO Handle	Unplugged handle
2	Sensor Error	Temperature sensor error
3	Room Sensor Error	Temperature compensation error (Temperature compensation sensor is in Handle)
4	Heater Error	Indicates that the heater is faulty and replace the heater.
5	Hot Fan Error	Indicates that the fan is faulty and needs to be checked or replaced.

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.

QUICK INTELLIGENT EQUIPMENT
CO., LTD.
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High-Tech Industrial Development
Zone, Jiangsu, China
TEL: 86-519-86225678
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 : _____

Postcode: _____

Telephone: _____

Contact Person: _____

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