

———— **PORTABLE** ————
HOT AIR REWORK STATION

INSTRUCTION MANUAL

8858-I

English



Statement: The company reserves the right to improve and upgrade products, product specifications and design are subject to change without notice.

Thank you for choosing this product, please read the instructions carefully before use, after reading please keep for future reference.

Safety rules

Use the machine, the following basic measures should abide, avoid electric shock or cause injury or damage caused by fires.

1. To ensure personal safety, after the machine completed work, please turn off the main power switch, and unplug the power cord if long time no use.
2. To ensure personal safety, you must use the original approval or recommendation of the parts, otherwise it will lead to serious consequences.
3. Machine failure must be by professionals or the company designated personnel for repair.
4. This product is grounded three-wire plug, must be inserted within the three hole grounded outlet, do not change the plugs or use ungrounded three adapter made it bad grounded.
5. Hot air gun or soldering station is open, its temperature are likely to reach 400 degrees. Do not use it near flammable gas, objects. Tube and the heat emitted very hot, can burn the body, do not touch the hot pipe and direct injection to heat the human body.
6. Before hot air gun turned on, please ensure it is in safety environment, do not leave the jobs site.
7. When the hot air gun opening do not install nozzle, the heat pipe and the nozzle must be cooling. Then installed the other nozzle.

8. Please keep inlet and outlet airflow, don't have obstruction.
9. After used, remember that the cooling body, the handle should be released into the handle frame, then shut down the machine to sleep.
10. The machine welding will take smoke, please do proper ventilation.

Warning!!!

1. If the supply cord is damaged, it must be replaced by a special cord or assemble available from the manufacturer or its service agent.
- 2.--Be careful when using the appliance in places where there are combustible materials;
--Do not apply to the same place for a long time.
- 3.--Be aware that heat may be conducted to combustible materials that are out of sight;
--Do not leave the appliance unattended when it is switched on.
- 4.--This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
Unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
--Children should be supervised to ensure that they do not play with the appliance.

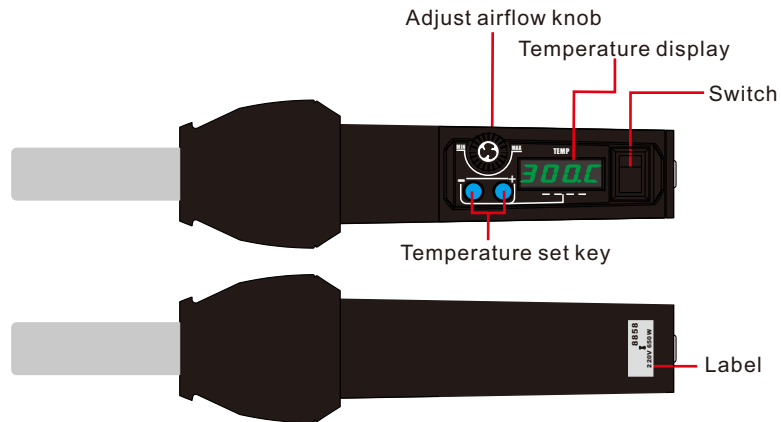
I. Features

1. Uses PID programmable temperature control technology, applying sophisticated PID programming into the machine to adjust temperature. Temperature are stable and small errors.
2. Adjustable airflow ,air flow is large and gentle , temperature easy to adjustment.
3. System has an automatic cool-air cooling heater feature, which can prolong the life of the heating element and protect the hot air gun.
4. Using blower wind, long life and large air flow.
5. With newest plug-in ceramic heating element, easy for replacement.
6. Celsius/Fahrenheit Display Temperature Function: To satisfy market demand in different regions, the Company has designed a temperature display mode .
7. The double-sided internal SMT manufacturing process boasts clean craftsmanship. The signal flow is clear, and the machine is both stable and safe, further improving its performance and adaptability to various harsh environments.
8. Portable design, small size, light weight, convenient to carry and easy to operate.

II. Specifications

Input voltage	~110V ±10% 60Hz/~220V ±10% 50Hz
Output Power	650W
Temperature range	100°C-480°C
Display mode	LED Display
Airflow type	Blower
Airflow	120L/min(MAX.)
Handle length	≤1.4 meter
Handle size	L305 x W60 x H60MM ±3MM
Weight	0.6Kg
Operation temperature	0~40°C/32~104°F
Storage temperature	-20~80°C/-4~176°F
Storage Humidity	35%~45%

III. Handle Schematic



IV.Usage

1. Suitable for a various kind of soldering or desoldering (removals) purposes of the electronic components such as: SOIC, CHIP, QFP, PLCC, BGA,SMD, etc.
2. Shrinking, drying, Paint drying, adhesive removal, thawing, warming, Plastic welding.

V. Operating Instructions

1. Install you need nozzles(try to use large diameter nozzle).
2. Connect the power cord.
3. Turn on the power switch, the display shows the set temperature, press the UP or DOWN to set the temperature value that you need(plus or minus 1°C temperature when point press, long press is quickly setting) after a few seconds the hot air gun start-up, adjust the airflow knob to set the need airflow value, after the temperature was stabilized able to normal operation.

4. After work, turn off the switch, the hot air gun into the cool air cooling system, unplug the power cord until the wind stop.
5. Celsius / Fahrenheit temperature Setup instructions
 - A. Turn on the power switch, press temperature "UP" and "Down" key for 3 seconds will display "C" flashing.
 - B. Press "UP" and "Down" set Celsius / Fahrenheit temperature
 - C. Stop operation for 4 seconds, the program will automatic protection and exit setup, complete set.

Note: In the case of completing working, try to use low temperature and large amount of airflow, which contribute to prolong the life of hot air rework and the security of desoldering IC chip

VI. Symbol Description

1. Display shows "●", It indicates the power prompt, need to unplug the power cord when don't work for a long time
2. Display shows "S-E". It indicates sensor error detection.
3. When the station working, temperature display lower than 50 and no longer to °C heat up, it means the station heating element maybe damage, need replace the heating element(heat sensor material and components).

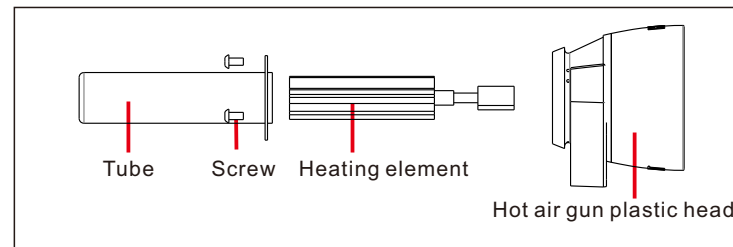
VII. Terms of Use

1. Hot air rework station outlet and the surrounding may have extremely high temperatures, care should be taken to guard against burns
2. The Hot Air rework's handle must be placed properly on the handle's rack, can not put on worktable or other place.
3. Please ensure the Hot air's outlet is clear, must free from any blockages or obstructions.

4. After usage, the handle must be placed back on the handle's rack, let the machine cooling down lower than 70°C (enter to standby mode), then turn off the Hot Air power switch.
5. The distance between outlet and object should be at least 2mm.
6. According to work requirement, choose appropriate nozzle. Different nozzle with different temperature,

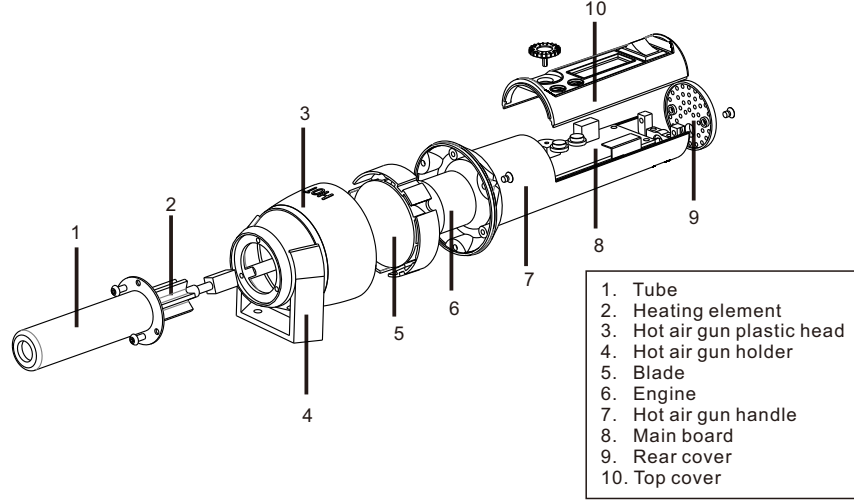
VIII. Replace Heating Element

1. Loosen the 3 screws on steel tube
2. Remove steel tube and then pull out ground wire.
3. Pull out heating element
4. Replace new heating element
5. Wrap mica paper
6. Insert steel tube and connect with ground wire
7. Tighten the screw




Heating Element Replace Figure

IX. The Overall Structure



Product certification

Model NO.	
Product ID	
Examine	Upon examination products meet technical standards 
Sales Date	
Date of manufacture	

Warranty Card

Thank you for choosing this type of products, please read the following terms before using:

- From purchasing date within 7 days, under normal use (Artificial damage), new package, not be disassemble and repaired, enjoy replacement service.
- From purchasing date within one year, under normal use, if there are quality problem, not be disassemble and repaired, enjoy free repair service.
- For more than warranty, we provide a lifetime warranty service, free of labor costs, charge only spare parts costs.
- Failure to present warranty card during warranty period, the company will not be a free service.
- Users need warranty service, please contact your original sales unit.
- When users need warranty service, please provide warranty card and purchase invoice, or receipt of the certificate of the company seal.
- Warranty does not include transportation costs and provide on-site service.

Maintenance records

NO.	Date for repair	Cause	Fix date	Repairer