

AOYUE[®] 968

SMD REWORK STATION INSTRUCTION MANUAL

Characteristics:

- **With combined functions of welding and smoke absorbing, the product can quickly and effectively absorb toxic gas produced during the process of welding and can filter and purify working environment through the use of active carbon filter cotton.**
- **Computer-control, contact-type initiation temperature control, press button, exact control.**
- **Creative display of setup temperature and real-time temperature to ensure that the heating core maintains at an exact and dependendable temperature.**
- **The CPU automatically monitors the working state of the heating core and the sensor. When there is abnormal working of the heating core or sensor real-time temperature.**

ATTENTION!!!

THIS IS VERY IMPORTANT TO REMOVE SECURITY SCREW (RED COLOR) IN THE BOTTOM OF THE STATION. IT IS ONLY FOR TRANSPORT TIME.

1.Specification

1-1 Power supply

	220V AC
Power	320W(MAX)
Air pump	Diaphragm special-purpose lathe pump
Capability	23L/min (MAX)
Temperature	100℃-480℃

1-2 Characteristics:

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1-3 Function

- **close loop with sensor temperature control with digital display easy to adjust quickly heated from power on.**
- **Static defense prevent the fault of PCB from static and leak electricity.**
- **The situation of moving accessories or accessories are over heated could be avoided by the method that to weld without touch the welding point.**
- **The temperature and airflow could be adjusted in a wide range, is applied to OFP and SOP type IC. According to the application different type of muzzle could be selected to weld or remove the solder.**

The heat part of the product is imported, and the muzzle is in same quality with international brand.

● The blowing part keep working after job of remove is finished this function can extend the life of heater and handle.

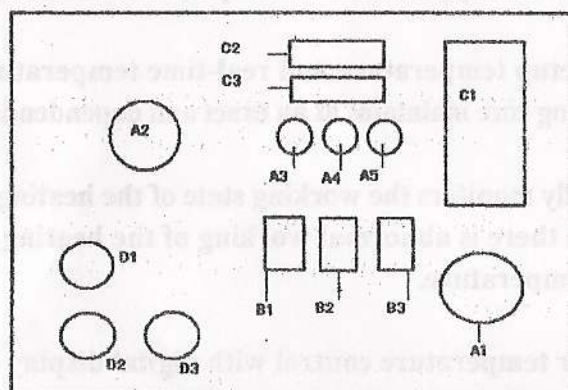
● The real temperature and the temperature specified by operator are all could be displayed.

1-4 Application

applicable to the remove of most of surface sticking accessory such as SDOIC, CHIP, QFP, BLCC, BGA and so on.

2. Direction for use

Indicator function and state direction



A1. wind amount regulating knob

A2. welding iron temperature regulating knob

A3. desoldering temperature raising button

A4. desoldering reset to button

B1, welding iron switch

B2. switch of smoke extraction system

B3. desoldering switch

C1. wind amount indicator

C2. desoldering setup temperature display

C3. desoldering real-time temperature display

D1. welding iron outlet interface



D2. smoke outlet tuber

D3. doweling outlet tuber

3.Operation of doweling

3-1 Turn on doweling switch "SMD REWORK"

3-2 Press "RESET"  button

3-3 (To raise temperature) press "UP"  button, check setup temperature display, set up temperature. (To lower temperature) press "DOWN"  button, check setup temperature display, set up temperature.

3-4 When finishing work, press down the "SMD REWORK" switch, and the air pump starts working at full speed to cool down the heating core. When the CPU finds that the internal temperature of the heating core is below 95℃, the air pump will stop working. The actual temperature is displayed and the setup temperature shows "OFF" .

Note:

1.To conduct doweling operation when the CPU is at the state of absorbing smoke, please press "RESET" button after switching on "SMD REWORK" switch before setting up for doweling.

Operation of welding iron

4-1 Turn on SOLDERING button

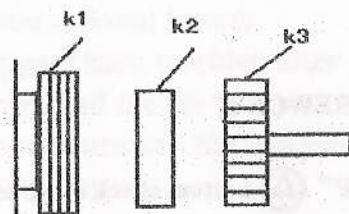
4-2 Choose the temperature regulating knob. When the temperature indicator Glistens, it means that the temperature has met your setup temperature.

If you want to absorb smoke at this time, please turn on "SMOKE ABSORBER" button.

Note:

Generally, when using the smoking absorbing system, turn on the "SMOKE ABSORBER" button only after the welding iron reaches the constant Temperature, so that it will not affect the time of temperature rising of the welding iron.

There is an active carbon filter device installed at the outlet of the smoke absorbing system. The active carbon filter net should be replaced at a regular Interval after a certain period of working.



K1-filter drawer K2-active carbon filter cotton K3-absorbing mouth

Note:

- Don't overexert while fixing muzzle, pull the muzzle with forceps, or screw breech block too tightly.
- Be careful, working high temperature don't use this product near flammable gas, paper, or other flammable things. The temperature of muzzle and hot air is very high and could be hurt, don't touch the heating part or blow the hot air to body. If the machine is new, due to there is some heat instruction material in it's handle, it will smoke in a short time, and this is normal.
- After using do remember cooling down the machine,. After power down is pressed the machine automatic cool down by blowing during this period, please keep power on.
- Never drop or sharply jolt the unit. The pipe contains quartz glass, which can break if the unit dropped or jolted sharply.
- Do not disassemble the pump.
- Disconnect the plug when you don't use the unit for a long time.
- When the temperature is over 350°C, The temperature setting button Had better set between level 3 to 8 while turning on the machine.

5. Replacement the Heating Element

5-1 Replacement Parts

NO.	NAME/SPECIFICATION
A1143B	100V/250W Heating Element
A1145B	110V/250W Heating Element
A1145B	120V/250W Heating Element
A1146b	220V/240V 250W Heating Element

5-2 Replacement the Heating Element

- Loosen the screw, slide the tube
- Loosen the 3 screws, which secure the handle. Then slide the cord tube.
- Open the handle
Disconnect the ground wire sleeve, and remove the pipe, In the pipe, The Quartz glass and heat insulation is installed. Do not drop or miss it.
- Take out the heating element
Loosen the cable. And take out the heating element.
- Insert new Heating Element
Handle it with care. Never rub the Heating Element wire. Insert a new Heating Element wire. Insert a new Heating Element and reconnect the Terminal. Reconnect the ground wire after replacing the element. Assemble the handle in the reverse order of disassembly. Insert the handle's projection into the hole in the pipe.