



防静电二合一拆焊台

Anti-Static 2 in 1 Flat IC Rework Station

使用说明书 INSTRUCTION MANUAL

706/852/862/872/952/902系列 (Series)

中文/English

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感谢您购买此款热风拆焊台, 本产品是专门为无铅拆焊而设计的, 使用前请仔细阅读本说明书, 阅读后请妥善保管, 以供日后参考。

Thank you for choosing this type of Unsoldering Equipment with Hot Air. The product is designed for soldering and unsoldering without lead. Please read the User Guide thoroughly before use, and keep it in a safe place for future reference.

安全守则

使用本机器,下列基本措施要遵守,以免触电或对人体造成伤害,避免火灾等现象的危害。

1、为了确保人身安全,该机器工作完毕后,请关闭机器总电源开关,长期不使用请拔掉电源线!!!

2、必须使用原厂认可或推荐的零件,否则将招致严重后果。

3、机器故障必须由专业人士或本公司指定人员进行维修。

4、本产品使用三线接地插头,必须插入三孔接地插座内,不要更改插头或使用未接地三头适配器而使接地不良。

5、热风枪或电焊台开启后,其温度都有可能达到400度以上。切勿在易燃、易爆气体、物体附近使用。喷管及喷出的热气都十分炎热,能灼伤人体,切勿触摸发热管及热气直接喷向人体。

6、热风枪开启前请确保热风枪处于安全状态,热风枪开启后切勿离开工作岗位。

7、安装喷嘴时不可在热风枪开启时,必须在发热管与喷嘴冷却后才可安装。

8、请保持进/出风口畅通,不能有堵塞物。

9、使用后,切记要冷却机身,应将手柄放回手柄架,机器进入休眠后再关机。

10、切勿使用烙铁进行焊接以外的工作;切勿用烙铁敲击工作台面以清除焊剂残余,此举可能严重损坏烙铁。

11、焊接时会冒烟雾,请做好应有的通风设施。

警告

1、如果电源线损坏,为了避免危险,必须由制造商或维修部分的专业人员进行更换。

2、本工具不使用时必须放置在它的支架上。

3、在有易燃材料的地方使用本器具时要小心;不要长时间在同一地方使用本器具。

4、要意识到热可能传递到远处的易燃材料;器具接通时需有人照看。

5、器具不打算由存在肢体、感官或精神能力缺陷或缺少使用经验和知识的人(包括儿童)使用,除非有负责他们安全的人对他们进行与器具使用有关的监督或指导;应照看好儿童,确保他们不玩耍本器具。

6、气泵型:

运输之前请必须在机身底部把固定气泵的螺丝(M5*20白色)安装好,否则会引起严重问题。使用之前请必须卸下在机身底部固定气泵的螺丝(M5*20白色),否则会引起严重问题。

一、产品特点

852/902系列

- 1、采用传统高精度热点偶测温电路,双运算放大器控制,确保工作稳定。功率大,升温迅速,温度精确稳定,不受出风量影响,真正实现无铅拆焊。
- 2、发热芯采用最新工艺(骨架式)、高品质发热体制作,大大的提高了稳定性和可靠性能,及进一步提高避震和抗打击性能(传统工艺采用石英玻璃制造,承受不了掉落和重震,在运输和使用过程中非常容易损坏),且工作寿命比传统型长很多。
- 3、同时因发热体采用新工艺,使风枪的出风方式将气泵和风机两种出风方式完美结合。当使用大喷嘴时出风气流为柔和螺旋风,当使用小喷嘴时出风气流为强劲旋转风,并气流量均匀可调,可以适应多种用途。
- 4、手柄(风机型)装有感应开关,只要手握手柄,系统即可迅速进入工作模式;手柄放回手柄架,系统便会进入待机状态,实时操作方便,同时可延长发热体寿命。
- 5、采用无刷风机/气泵作为风源,寿命长、噪音小。
- 6、烙铁部分采用优质发热体,升温迅速,使用寿命长;防静电设计,防止静电损坏娇嫩的SMD元件。

706/852D+/862/872/952系列

- 1、706/852D+/862/872/952系列集成852系列的所有有点,采用最新微电脑处理器PID程控技术,精确的数码显示风枪和烙铁温度。功率大,升温迅速,不受出风量影响,实现真正的无铅拆焊。程序以毫秒为单位高速跟踪风枪和烙铁实际温度,神奇的温度补偿速度进一步加强了温度的稳定性,温度稳态误差小,温度补偿快,能适应各种恶劣环境。
- 2、风枪型采用独有的安全防护,开机自动检测手柄是否在手柄架,防范因手柄掉落引起的安全隐患。机器各部分器件还设有全面自我检测功能,全智能的超温、短路、开路、过载等故障显示和保护功能。
- 3、人性化设计。862系列风枪手柄设有手动/自动功能,可根据使用环境情况进行设置。在频繁使用风枪时可选择手动,省去反复升温的时间,方便快捷,提高工作效率!
- 4、706/872系列产品根据不同地区的市场需要,特设有华氏/摄氏温度精确显示转换,可根据个人习惯爱好选择显示方式。
- 5、内部采用微电脑处理器,外围元器件极少,加上最新的SMT工艺制造,整机信号流向清晰明了,机器稳定性和安全性能进一步提高。
- 6、烙铁部分根据不同需要和要求,可定制国产优质发热芯手柄和大功率进口芯手柄两种手柄!

特别提示:

本产品将全面升级,升级后当机器各个功能全部关闭后,这时屏幕出现“---”一直闪动!提示您关闭机器总电源开关或拔出机器电源线!确保机器和使用环境加安全,节能环保!

节能环保从你我做起!!!

二、规格

型号	706	852(800)/902系列	852D+/862/872/952系列
功率消耗	≤700W		
工作环境	0~40°C/32~104°F		
储存环境	-20°C~80°C/-4°F~176°F		
储存湿度	35%-45%		
风枪部分			
气流类型	鼓风机	无刷风机柔和风	气泵螺旋风
风量	≤168L/min	≤120L/min	≤24L/min
温度范围	100°C~480°C	100°C~450°C	100°C~500°C
温度稳定度	±1°C		
显示形式	LED数码管		
手柄长	≥100cm		≥90cm
电烙铁部分			
温度范围	200°C~480°C		100°C~500°C
温度稳定度	±2°C		
焊咀对地电压	<2mV		
焊咀对地电阻	<2ohm		
显示形式	LED/数码管		
手柄线长	≥100cm		

三、性能对照表

性能	852(8000)/902系列				706/852D+/862/872/952系列						
	852	852D	902A	902D	706	852D+	852D++	862D+/952D	952D+	872D/872D+	
LED显示	无	单显	无	单显	双显	双显	双显	双显	双显	双显	
华氏/摄氏转换	无	无	无	无	有	无	无	无	有	二 选 一	
手动/自动	无	无	无	无	有	无	无	有	无		
控温方式	模拟	数字PID	模拟	数字PID	数字PID	数字PID	数字PID	数字PID	数字PID	数字PID	
高温保护	无	无	无	无	有	有	有	有	有	有	
送风类型	气泵/风机	气泵/风机	风机	风机	鼓风机	气泵/风机	风机	风机	气泵	气泵	

四、用途

- 1、适合多种元件的拆焊及焊接，如：SOIC、CHIP、QEP、PLCC、BGA、SMD等（特别适用于手机排线及排线座的拆焊）。
- 2、用于热收缩、烘干、除漆、除粘、解冻、预热、胶焊接等。

五、操作说明

风枪部分(风机型)

- 1、将焊台摆放好，把手柄搁置在手柄架上。
- 2、连接好电源，装置所需喷嘴（尽量使用大口径喷嘴）。
- 3、打开电源总开关（机身后），再打开热风枪电源开关，此时热风枪进入升温状态。
- 4、调节温度旋钮设置所需工作温度，拿起拆焊台手柄，拆焊台正常加热工作。工作指示灯（706/852D+/862/872/952系列数码管右下角，852系列LED发光二极管）升温时常亮，恒温时闪动，降温时熄火。调节风量旋钮使风量合适，待温度稳定后便能正常作业。706/852D+/862/872/952系列恒温后，数码管右下角发光点高速闪动，程序以毫秒为单位高速跟踪补偿风枪实际温度，风枪进入温度高稳定高精度的恒温状态！（如下图）

 程序高速跟踪温度补偿指示 图1

- 5、工作完毕，手柄放置在手柄架上，拆焊台自动切断加热电源，工作指示灯熄灭，进入送冷风冷却发热体模式，当温度低于100°C，拆焊台（数字PID控温）显示“---”表示机器即将进入待机状态。

风枪部分(气泵型)

- 1、将焊台摆放好，此时请将机箱底部的气泵运输固定螺丝拆卸下来，否则机器将强烈震动发出声响，影响整机性能。如运输时必须将固定螺丝安装上！防止运输时因跌打或震动损坏气泵！
- 2、连接好电源，装置所需的风咀。
- 3、打开电源开关，此时机器进入正常工作状态，显示窗口将显示当前实际温度。可调节温度/风量旋钮设置所需温度以及合适的风量，待温度稳定后便能正常作业。
- 4、工作完毕后，请将手柄放置在手柄架上，关闭对应电源开关，机器切断加热电源，显示窗口熄灭，进入送冷风冷却发热体模式（周期约为2分钟），确保发热体温度低于70°C，拆焊台自动关机。

烙铁部分

- 1、将烙铁手柄连接好，将手柄正确放在手柄架上。
- 2、打开烙铁电源开关，调节调温旋钮设置所需工作温度，在加热过程中烙铁指示灯常亮，当指示灯有规律闪动表示进入恒温状态，可以开始工作。

六、使用须知

- 1、请在打开电源时风枪手柄必须放置在手柄架上。
- 2、请保持进风口和出风口通畅，不能有阻塞物。
- 3、工作完毕后，必须把加热手柄放置在手柄架上，让机器自动冷却至显示“---”（送风停止）才能关闭风枪电源开关（风机型）。
- 4、风机型在使用机器标配喷咀以外的更小喷咀时，必须要将风量调为最大，使用较低的温度，并在短时间内使用，避免长时间使用损坏风枪。
- 5、根据工作要求，选用合适的风咀，不同的风咀温度可能略有差别，出风口与物件间距离最少是2mm。
- 6、当烙铁初次使用后，要注意检查烙铁咀升温情况，待其温度刚刚能深化锡丝时，在烙铁咀上镀上一层锡，再将温度调到所需温度。
- 7、烙铁头温度不宜过高，温度过高会减弱烙铁头功能。间隔不使用时，可将温度调低。
- 8、应定期使用清洁海绵清理烙铁头，使用后应抹净烙铁头，镀上新锡层，以防止烙铁头氧化。

七、提示符号说明

- 1、显示“---”，表示出风口温度低于100°C，拆焊台进入待机状态，手柄搁置在手柄架上。
- 2、显示“S-E”，表示烙铁、风枪的传感器组件出现问题，请检查手柄是否连接好或重新开机，如问题没有解决，则需要更换发热体（发热材料及传感器组件）。

八、注意事项

- 1、装置风咀时切勿使劲装置风咀,或用钳子拉动喷咀边缘,勿使劲紧拴螺丝。
- 2、装置喷咀时必须在发热体冷却后,才能装喷咀。
- 3、切勿触摸发热管,或以热气直喷脸部,有灼伤人体的危险。启动初时,可能会冒出白烟,此属于正常现象,稍后此现象会消失。
- 4、更换发热体时,小心不要损坏接地线!!
- 5、更换时应注意连接线的顺序及颜色!不能接错!!
- 6、请更换同一型号的发热体或发热芯!!

***该机器通过各项标准检验后,再进行实际温度老化检测,部分风枪钢筒出风口处稍有暗黄,均属正常现象,特此说明!**

九、可换组件说明

一、风枪发热体的更换(图2/图3)

- 1、更换发热体应在其冷却时进行更换。
- 2、如图,松开手柄上的两只固定螺丝。
- 3、旋出手柄组件,再将手柄壳取出。
- 4、轻轻移出风机,取出固定接线板上的3只螺丝。
- 5、将接线板反过来,从接线板上拆开发热体的连接线,注意其连接位置。
- 6、从钢管中取出发热体与包住发热体的云母纸,注意不要弄断钢管上的连接线。
- 7、用云母纸包好新发热体,将其插入钢管中,注意发热体要安装到位。
- 8、按照原先的位置连接发热体的个连接线。
- 9、拆开时的相反程序回装好手柄。

二、烙铁发热芯和烙铁头的更换(图4)

- 1、旋出螺母1,再将钢管2取出,这时就可以取下烙铁头进行更换了。
- 2、如需更换烙铁发热芯可继续旋出螺纹头4,拔出烙铁芯6和线路板7,要注意弹簧5的连接线。
- 3、将烙铁芯从线路板上焊下,更换新的发热芯,装好即可。注意烙铁芯引线的连接顺序。

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 air flow, 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. Do not use a soldering iron to weld outside the work; Do not iron percussive on table to clear the residual flux, this could seriously damage the iron.
11. 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. **WARNING:** This tool must be placed on its stand when not in use.
3. Be careful when using the appliance in places where there are combustible materials; Do not apply to the same place for a long time.
4. 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.
5. 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.
6. Air pump type:
Before shipment please be sure fix screw at the bottom of the machine (M5*20 white), otherwise it will cause serious problem. Before using please remove the screw (M5*20 white) at the bottom of the machine, otherwise it will cause serious problem.

I. Product Features

852/902 Series

1. Use traditional high-precision thermocouple temperature measuring circuit, dual operational amplifier controls to ensure work stability, large power, heating quickly, the temperature accuracy and stability, without the air flow influence, the real lead-free desoldering.
2. Air gun heater using the latest technology (skeleton type), high-quality heater production, significantly improved the stability and reliability and significantly improve avoid to shocking and anti-strike (traditional techniques use quartz glass, can not afford to drop and re-shock, in the transport and use of the process is very easy to damage), and working life is much longer than the traditional type.
3. Meanwhile the air gun heater using new technology to make air gun's outlet wind way. The diaphragm pump and brushes fan are two ways the perfect combination of wind, when using a large nozzle a spiral air flow for the soft wind, when using a small nozzle, the air flow is strong rotating winds, and air flow is adjustable to accommodate a variety of purposes.
4. The handle (Brushless fan model) equipped with a sensor switch, as long as we grip the handle, the system can quickly enter working mode; handle back into the handle frame, the system will enter standby mode, easy to operate in real time, meanwhile can extend heater life.
5. Use brushless fan/diaphragm pump as the air source, extremely long life, low-oise.
6. The iron part use high quality heating element, rapid heating and long service life; Antistatic design, to prevent electrostatic damage to the delicate SMD components.

706/852D+/862/872/952 Series

1. 706/852D+/862/872/952 Series Integrate all merits of 852 series, use the newest microcomputer processor PID program control technology, the precise digital show air gun and the iron temperature, the power is larger, the elevation of temperature is rapidly, it won't influenced by the air output, it is realized lead-free desoldering. The procedure tracks the air gun and the iron actual temperature by highly speed take the millisecond as the unit, the mysterious temperature compensation speed strengthen the temperature stability, the temperature static error has been small, temperature compensation is very quickly, which could adapt each kind of adverse circumstance.

2. Air gun's use is in sole possession of safety protection, when the machine is starting, it will auto matic detect whether handle is in the handle frame, to protect hidden danger because of the handle to fall, various part components of machine are also equipped with the comprehensive self-measuring ability, whole intelligent highly temperature, short circuit, opening, overload will display and protection function.
3. User-friendly design. the parts of 862 series air gun are equipped with the manual/automatic function to be possible to carry on the establishment according to the use environment situation, when the air gun use is frequently, it may omits elevates temperature time repeatedly to choose manual, it is conveniently and quickly, to raise the working efficiency!
4. 706/872 series products according to different regions market demands, with designed °F/ °C temperature display accurate conversion, according to the country person custom method used to select the display preferences.
5. The internal micro-processor core with SAMSUNG very few external components, with the latest SMT process, the whole signal flow is clarity, stability and security of the machine performance is further improved.
6. The iron based on different demands and requirements, can customize ordinary domestic and import high -quality white light heater core handle, two type handle.

Special note:

This product will be upgrade, after upgrading, when every function is turned off, the screen will display “---” flashing! Prompt you turn off the main power switch or unplug the power cord! To ensure the machine and using environment safer and energy saving!

II. Specification

Model	706	852(800)/902 Series	852D+/862/872/952 Series
Power Consumption	≤700W		
Working environment	0~40°C/32~104°F		
Storage environment	-20°C~80°C/-4°F~176°F		
Storage humidity	35%-45%		

Hot Air Gun			
Airflow type	Twin turbo blower	Brushless fan gentle wind	Diaphragm pump spiral wind
Air Flow	≤168L/min	≤120L/min	≤24L/min
TEMP. Range	100~480°C	100~450°C	100~500°C
TEMP. Stability	±1°C		
Display Type	LED		
Handle length	≥100cm		≥90cm
Soldering Iron			
TEMP. Range	100~480°C		100~500°C
TEMP. Stability	±2°C		
Tip of ground voltage	<2mV		
Tip of ground impedance	<2ohm		
Display Type	LED/Digital Display		
Handle length	≥100cm		

III. Performance Comparison Table

Function	Model				852(8000)/902 Series							706/852D+/862/872/952 Series					
	852	852D	902A	902D	706	852D+	852D++	862D+/952D	952D+	872D/872D+	706	852D+	852D++	862D+/952D	952D+	872D/872D+	
LED Display	NO	One LED	NO	One LED	Two LED	Two LED	Two LED	Two LED	Two LED	Two LED	Two LED	Two LED	Two LED	Two LED	Two LED	Two LED	
Fahrenheit/Celsius conversion	NO	NO	NO	NO	Yes	NO	NO	NO	Yes	Two choose one	NO	NO	NO	NO	Yes	Two choose one	
Manual/AUTO	NO	NO	NO	NO	Yes	NO	NO	Yes	NO	Two choose one	NO	NO	NO	Yes	NO	Two choose one	
Control Temperature type	Analog	Digital PID	Analog	Digital PID	Digital PID	Digital PID	Digital PID	Digital PID	Digital PID	Digital PID	Digital PID	Digital PID	Digital PID	Digital PID	Digital PID	Digital PID	
High-temperature Protection	NO	NO	NO	NO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Send air type	Diaphragm pump/brushless fan	Diaphragm pump/brushless fan	Brushless fan	Brushless fan	Twin turbo blower	Diaphragm pump/brushless fan	Brushless fan	Brushless fan	Diaphragm pump	Diaphragm pump	Diaphragm pump	Diaphragm pump	Diaphragm pump	Diaphragm pump	Diaphragm pump	Diaphragm pump	

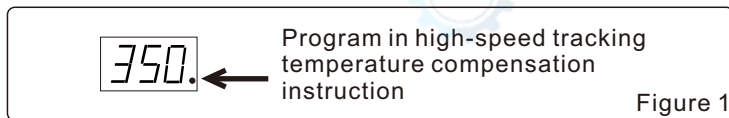
IV. General Usage

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. (es-pecially mobile phone's cable).
2. Shrinking, drying Paint drying, adhesive removal, thawing, warming, Plastic welding.

V. Operating Instructions

Hot air rework(brushless fan)operation

1. Put the station well, and the handle on the frame.
2. Connect the power cord, install required nozzle(use larger diameter one as far as possible).
3. Turn on the main power switch (back of the machine), then turn on the hot air gun switch, the hot air gun begin heating up.
4. Adjust the thermostat knob to set the desired temperature, pick up the soldering station handles, the soldering station heating normally and welding work. Work light (bottom right corner of 706/852D+/862/872/952 series of digital control, 852 Series LED light emitting diode)when the temperature rising constant light, constant temperature with flashing, dropping temperature the light went out. Adjustment air volume knob to the suitable wind, the temperature can stabilize the normal operation. 706/852D+/862/872/952 series light point of digital pipe in low right, corner will flash in high-speed after constant temperature. the program high-speed track the actual temperature compensation for air guns as milliseconds as a unit, ir guns into temperature high- precision and extremely stability of constant temperature state. (Below figure)



5. Work is completed, must put the handle on the holder, at this time desoldering will automatic cut off the heating current, send cold air cooling heating mode. When the temperature is below 100°C desoldering station, shows " --- ", that means the machine will enter into standby mode.

Hot air rework(diaphragm pump)

1. De-soldering station is laid out, then set the pump at the bottom of the chassis transportation screws removed, otherwise the machine will issued a strong vibration or noise,will affect the machine overall performance.For transportation must be installed the fixed screw to prevent vibration during transportation or due to traumatic damage to ump.
2. Connect the power supply, install the nozzle.
3. Turn on the power switch, then the machine will enter into normal work state, the display window will show the current actual temperature. Adjustable temperature knob to set the desired temperature, and the suitable airflow, temperature stable, can be normal operation.
4. The work is completed, please put the handle on the handle frame, turn off the corresponding power switch,the machine cut off the heating power,the display window crush out, enter into to send cool air cooling heating elements mode (period of about 2 minutes) to ensure that the heater body temperature lower than 70°C, soldering station automatic shutdown.
5. If long time no use the machine, please unplug the machine power supply!

Soldering iron operation

1. Connected the soldering iron handle, put the handle on the iron frame.
2. Ture on the iron power switch, adjust the thermostat knob to set the desired temperature, in the heating process, the iron indicator lamp lit, when the light is flashing regularly, said the state into the thermostat, then can start working.

VI. Terms of Use

1. When turning on the main unit's power, the Hot Air rework's handle must be placed properly on the handle's rack.
2. Please ensure the Hot air's outlet is clear, must free from any blockages or obstructions.
3. After usage, the handle must be placed back on the handle's rack, let the machine cooling down (temperature gradually decreasing) until it displays "----" (Air flow Stop), then turn off the Hot Air power switch.(brushless fan)

4. The brushless fan comes with three standard nozzle sizes: large, medium, small. When using the smaller nozzle the Hot air volume must be adjusted to the maximum rate or set the temperature low and maintain it in a short time, to avoid prolonged use which could damage the hot air unit.
5. In regards to the usage requirements, choose the appropriate Hot air nozzle, different Hot air nozzle will cause the temperature to be slightly different, and please maintain the distance between the outlet and the object must be at least 2mm.
6. When the soldering iron used for the first time, pay attention to check the iron tip warming situation, let its temperature just be able to melt the tin wire, then the iron tip layer deposited on the tin, then set to the desired temperature value.
7. Iron Tips temperature cannot be too high, high temperature will weaken tip function. Interval not in use, should be adjusted low temperature.
8. Should clean up iron tip by use of clean sponge periodically, after using it, please keep it clean, a new tin-plated layer to prevent tip oxidation.

VII. Display Notes

1. When the LED digital displays " --- ", it means the outlet temperature is below 100°C, the hot air rework station is in standby mode, and the handle is placed on the handle's rack.
2. When the LED digital displays " S - E ", it means the soldering iron, Hot air rework's sensor is having a problem or handle is un-plugged, if the case hasn't been resolved it needs to replace the heating element (heating core's element and sensor components).

VIII. Usage Notes

1. DO NOT install/Deinstall Nozzles with excessive force.
2. Only install nozzles when the unit is cool (room temperature).
3. When the first use the unit might start initially with white smoke, but this soon will go away. Do not touch heat pipes, or let hot air spray face, it will hurt human body.

4. Replace heater, be careful not to damage the grounding line!!
5. Replace the cable should pay attention to the order and color, can not take a wrong!!
6. Replace the same type of heater or heating core!!

***Machine through the standard tested, then the actual temperature of the aging test, part of the air gun steel barrel outlet slightly yellowish, are normal, hereby instruction!**

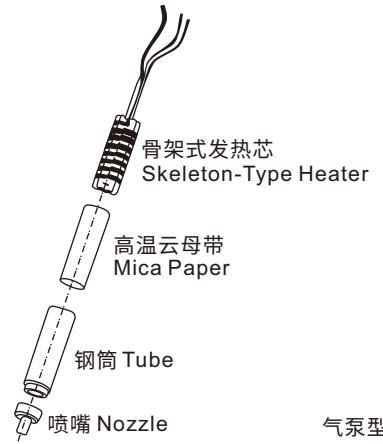
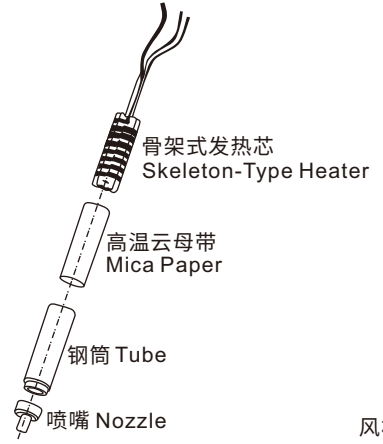
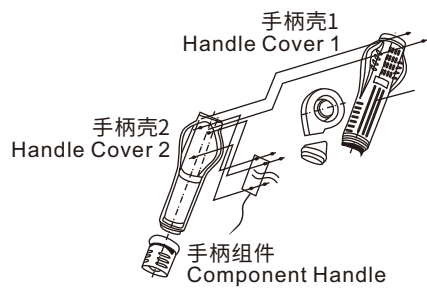
IX. Replacement Parts Instruction

Replacement of Hot Air rework heating element(Figure 2/Figure 3)

1. Ensure the Hot Air Rework is fully cooled down before replacing the element.
2. Figure, loosen the two screws on the handle
3. Turns the handle anti-clockwise until it comes off and then remove the handle's cover.
4. Gently takes out the fan, loosen the three screws to remove the fixed wiring board.
5. The wiring board vice versa, apart from the heater wiring board connection cable, pay attention to the connection location.
6. Remove from the heat pipe heat body wrap body with mica paper, careful not broken ground wire of the steel.
7. Wraps well with the new heater mica, inserted into the tube, the attention heater to install in place.
8. According to the original location of the connection to connect heater.
9. As per the reverse procedure by open and back to the installed handle.

Replacement of the soldering iron's tip and soldering iron heating core's element (Figure 4)

1. Unscrews the nut NO.1, and then removes the steel tube NO.2, followed by removing the tip which is going to be replaced.
2. For the replacement of heating core's element can be performed by unscrewing the plastic cap NO.4, pulls out gently the heating core's element NO.6 along with the circuit board NO.7, please carefully remember the connection of spring NO.5.
3. The iron core from the circuit board welding, the replacement of the heating core, can be fitted well. Note that the order of the iron core wire connection.



风机型 图2
Wind Models Figure 2

气泵型 图3
Pump Type Figure 3

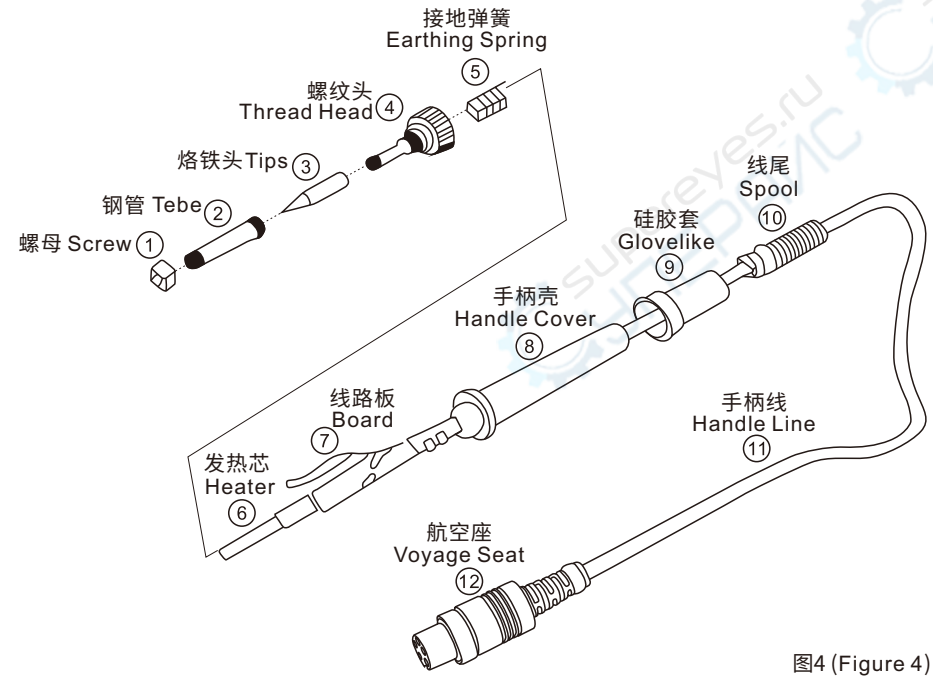


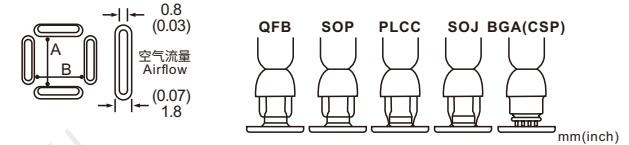
图4 (Figure 4)

通用部件

*喷嘴的规格尺寸
表示该IC的尺寸

General parts

*Nozzle specification
and sizemeans the IC size



Part No.	IC Type	Dimensions (mm)
A1125	QFP 10x10	(0.39x0.39)
A1126	QFP 14x14	(0.55x0.55)
A1127	QFP 17.5x17.5	(0.68x0.68)
A1128	QFP 14x20	(0.55x0.78)
A1129	QFP 28x28	(1.1x1.1)
A1135	PLCC 17.5x17.5	(0.68x0.68) (44针needle)
A1136	PLCC 20x20	(0.78x0.78) (52针needle)
A1137	PLCC 25x25	(0.98x0.98) (68针needle)
A1138	PLCC 30x30	(1.18x1.18) (84针needle)
A1139	PLCC 12.5x7.3	(0.49x0.49) (18针needle)
A1140	PLCC 11.5x11.5	(0.45x0.45) (28针needle)
A1141	PLCC 11.5x14	(0.45x0.55) (28针needle)
A1182	BOFP 24x24	(0.94x0.94)
A1187	TSOL 18.5x8	(0.73x0.31)
A1257	SOP 11x21	(0.43x0.83)
A1258		
A1259	SOP 13x28	(0.51x1.1)
A1260	SOP 8.6x18	(0.34x0.71)
A1261	OPF 20x20	(0.78x0.78)
A1262	OPF 12x12	(0.47x0.47)
A1263	QFP 28x40	(1.1x1.57)
A1264	QFP 40x40	(1.57x1.57)
A1265	QFP 32x32	(1.26x1.26)
A1124	Single-tube 单管式 φ2.5	(1.1x1.57)
A1130	Single-tube 单管式 φ4.4	(0.17)
A1131	SOP 4.4x10	(0.17x0.39)
A1132	SOP 5.6x13	(0.22x0.51)
A1133	SOP 7.5x15	(0.3x0.59)
A1134	SOP 7.5x18	(0.3x0.7)
A1142	Curved single tube 弯型单管式 1.5x3	(0.06x0.12)
A1325	Single-tube 单管式 φ1.5x5.10	(0.06x0.02-0.39)

附：电焊台使用烙铁头型号图

Attachment: Electric welding machine using welding head model figure

900M-T-0.8D 0°C		900M-T-LB -10°C/-18°F		900M-T-K 30°C/54°F	
900M-T-1.2D 0°C		900M-T-0.5C 0°C		900M-T-R 0°C	
900M-T-1.6D 0°C		900M-T-0.8C 0°C		900M-T-RT 0°C	
900M-T-2.4D 0°C		900M-T-1C 0°C		900M-T-SI 0°C	
900M-T-3.2D 0°C		900M-T-1.5CF 0°C		900M-T-I -10°C/-18°F	
900M-T-1.2LD -10°C/-18°F		900M-T-2C 0°C		900M-T-H -20°C/-36°F	
900M-T-SB 0°C		900M-T-3C 0°C		900M-T-1.8H -10°C/-18°F	
900M-T-B 0°C		900M-T-4C 0°C		900M-T-S4 0°C	

900M系列外径φ6.5mm 900M Series Tip Out Diam φ6.5mm

