

Pro'sKit® SS-979 2 In 1 SMD Hot Air Rework Station User Manual

Thank you for purchasing the **Pro'sKit®** SS-979 2 In 1 SMD Hot Air Rework Station. Please read this manual before using the product and save the manual in a safe, easily accessible place for future reference.

Packing List :

- SS-979 2 In 1 SMD Hot Air Rework Station (include holder) x1
- Heat Gun x1
- Air Nozzle x 3
- Soldering Iron x1
- Iron Stand (with cleaning sponge, copper cleaner) x1
- Power Cord x1
- User's Manual x1

Features:

- Microprocessor-controlled, closed circuit sensor design, high power and quick warm-up times
- Adjustable air volume and temperature, suitable for a variety of applications.
- Handle with sensor design, switching work & sleep mode for real-time operation convenience.
- Auto cool-off process to prolong the life of heating element
- Comes with brushless motor provides long service life, quiet in operation
- Soldering iron conforms to CE, ESD safety regulations.
- Heat insulation handle with ergonomic design ensures user safety and comfort.
- The soldering iron adopts ceramic heating element, providing stable power and fast heating speed.
- Ideal for heating shrinks, viscosity removal, lacquer removal, preheating and more.

Specification:

Model No.	SS-979E		SS-979B	SS-979H
Power Input	110V-120V ~60Hz		220V-240V ~50Hz	
Power Consumption	760W			
Soldering Power	60W			
Soldering Iron Temperature	200-480°C			
Hot Air Temperature	100-500°C			
Soldering Iron Output Voltage	24V~			
Hot Air Output Voltage	AC 110V-120V		AC 220V-240V	
Temperature Display	LED			
Soldering Iron Heating Element	Alumina Ceramic Heater			
Hot Air Heating Element	Metal Heating Core			
Air Volume	120L/min(Max)			
Equipment Noise	<45dB			
Plug Type				
Fuse Type	250V / 8A		250V / 5A	
Certificate	RoHS, ESD		CE, RoHS, ESD	
Weight	2.5Kg			
Dimension (mm)	170x170x140 (include holder)			

Optional replacement

Replacement Nozzle:

IC Package	Model No.	ID (mm)
	9SS-969-A1	Ø4.3
	9SS-969-A2	Ø7.4
	9SS-969-A3	Ø11.2

Replacement soldering iron:

Replacement heater	9SS-900N-HT
Replacement hand piece	9SS-900N-SI

Replacement Hot air gun:

Model No.	SS-979E	SS-979B	SS-979H
Hot air gun	5SS-979E-HG	5SS-979B-HG	5SS-979B-HG

Replacement tips:

OAL:43mm I.D.: 4.0mm O.D: 6.3mm

	5SI-216N-B		5SI-216N-3.2D
	5SI-216N-B1.0		5SI-216N-1C
	5SI-216N-BC		5SI-216N-2C
	5SI-216N-0.8D		5SI-216N-3C
	5SI-216N-1.2D		5SI-216N-4C
	5SI-216N-1.6D		5SI-216N-I
	5SI-216N-2.4D		5SI-216N-K

Application

1. Suitable for desoldering multiple components.
2. Ideal for heating shrink, viscosity removal, lacquer removal, preheating and more.
3. Electronic maintenance and device welding operation.

Operation instruction

1. Put the rework station ready and place handle on the holder.
2. Connect the power cord to the power receptacle on the back panel of the station.
3. Set the blast nozzle (large caliber nozzle preferred).
4. Switch the power on, the screen displays last set value then display "SLP", it represents standby mode.(Available in microcomputer with digital LED)
5. Press "▲" or "▼" button as to set up the temperature.
6. Adjust the airflow knob to set up the required air volume.
7. Hold the handle, the equipment begins to heat. Adjust the knob of airflow in order to set proper air volume, operate normally when temperature is stable.
8. Put the handle back on the holder after work, the SMD station switched from heating mode to cooling - off mode automatically. When the temperature is lower than 100°C, the station switch to standby mode.
9. Switch the power off and unplug the power cord if there has no operation for a long time.

Attention

Please set up the temperature as lower as possible in high airflow volume as to prolong heating element service life and better IC chips protection.

Setting up temperature

1. In the power on state, press "set" key to select the conversion between air temperature and

soldering iron temperature.

2. Press "▲" or "▼" button to set up temperature, the screen displays the setting temperature.
3. Press "▲" once the temperature degree increase 1°C, and the screen displays the setting temperature. Press "▼" once the temperature degree decrease 1°C, and the screen displays the setting temperature. When press the "▲" or "▼" button continuously, the temperature will increase or decrease rapidly; after the button is released, the screen displays setting temperature.
4. Put the handle on the bracket, then the equipment will be automatically switch to the dormancy condition; when the temperature is reduced to 100°C, "SLP" will be displayed.
5. Temperature below 100 °C, will display "SLP" if not use and enter standby mode.
6. Press "▲", "▼" at the same time to start the machine and restore the factory settings.
7. Press "set" key to start the machine, and select the temperature unit °C / °F.

Calibrating temperature

1. Press "set" and "▲" keys at the same time to calibrate the temperature of the air gun, and then input the measured actual temperature value.
2. Press "set" and "▼" keys at the same time to calibrate the temperature of the soldering iron, and input the actual temperature value for measurement at this time.
3. Press "set" to select the adjustment position and exit, press "▲", "▼" to adjust the number.

Note: Temperature for hot air measurement is located in the middle point of about 3mm inside the air nozzle.

Explanation of symbols

- A. "SLP" represents the temperature is lower than 100°C in standby mode, while the handle is put on the bracket.
- B. "S-E" indicates that the hot air gun (soldering iron) has not been connected to the soldering station after power on, or there is a problem with the sensor of the hot air gun (soldering iron), and a new hot air gun (soldering iron) heating element needs to be replaced.
- C. "H-E" indicates that there is a problem with the heating element of the hot air gun (soldering iron) and a new heating element of the hot air gun (soldering iron) needs to be replaced.
- D. "F-E" indicates that there is a problem with the hot air gun fan and a new hot air gun needs to be replaced.

Terms of use

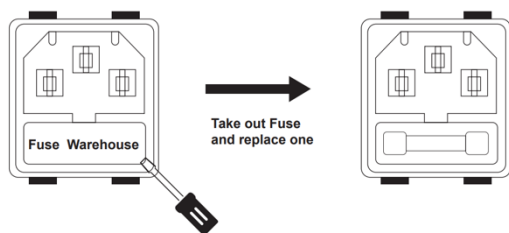
1. The air outlet and its surrounding area may be very hot. Be cautious of scald.
2. The heat gun shall not be put on the working table or other place except its holder.
3. Please keep the air outlet unblocked.
4. Place the heat gun on its holder after the work, and keep it cool naturally and turn into standby mode, then switch the power off.
5. The distance between the air outlet and the object shall be no less than 2mm.
6. Choose suitable nozzle in accordance with working requirements. Different nozzles may have different temperatures.
7. When the soldering iron is not in use, please put it on the iron holder.
8. If the temperature is too high, the service life of soldering iron head will be reduced, so the suitable working temperature should be selected.
9. Clean the iron head with cleaning sponge regularly.
10. When the soldering iron is used continuously for a long time, remove the iron tip once a week to remove the oxide.
11. After use, the iron tip should be wiped clean and coated with a new tin layer to prevent oxidation of the iron tip.
12. The temperature of different types of soldering iron tip may be different. The best way to adjust the temperature is to use a special thermometer for measuring the tip. (refer to "temperature calibration")

Fuse replacement

When fuse is blown, replace with the same type of fuse. (see below picture)

1. Unplug the power cord from the power receptacle.
2. The fuse holder is located under the AC power receptacle, use the slotted (–) screwdriver to loosen the fuse holder

3. Replace the fuse with new one
4. Put the fuse holder back in place



WARNING

To avoid personal injury or equipment damage, disconnect power cord before making any servicing to the equipment.

Please check the on-line manual for more information.

Pro'sKit® SS-979 二合一 SMD 柔风吹焊烙铁组操作说明书

感谢您选购 Pro'sKit® SS-979 二合一 SMD 柔风吹焊烙铁组。使用焊台前请详阅本使用说明书，阅后请妥为收存，以备日后查阅

一、包装清单

SS-979 二合一 SMD 柔风吹焊烙铁组主机 (含热风枪挂架) x1
热风枪 x1 热嘴配件 x 3
烙铁 x1 电源线 x1
烙铁座 (包含清洁海绵、清洁钢丝) x1 使用说明书 x 1

二、特点

1. 传感器闭合回路，微电脑过零触发控温，LED 显示，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. 气流量可调，风量平稳且出风柔和，温度调节方便，可以适应多种用途。
3. 手柄装有感应开关，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。
4. 热风系统设有自动冷却功能，可延长发热体寿命及保护热风枪。
5. 采用无刷风机寿命极长，噪音极小。
6. 烙铁符合 CE、ESD 安全规范。
7. 烙铁手柄隔热效果佳，符合人体工学操作舒适。
8. 烙铁采用陶瓷发热体，功率稳定升温速度快。

三、规格

型号	SS-979E	SS-979B	SS-979H
输入电压	110V-120V ~ 60Hz	220V-240V ~ 50Hz	
功率消耗	760W		
烙铁功率	60W		
烙铁温度范围	200-480℃		
热风温度范围	100-500℃		
烙铁工作电压	24V ~		
热风工作电压	AC 110V-120V	AC 220V-240V	
温度显示	LED		
烙铁发热芯	氧化铝陶瓷加热器		
热风发热芯	金属发热芯		
风量	120L/min(Max)		
噪音	<45dB		
插头形状	E 	B 	H 
保险丝规格	250V / 8A	250V / 5A	
证书	RoHS, ESD	CE, RoHS, ESD	
重量	2.5Kg		

尺寸(mm)	170x170x140 (含支架)
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四、选购配件：

风嘴选购

	型号	内径 (mm)
	9SS-969-A1	Ø4.3
	9SS-969-A2	Ø7.4
	9SS-969-A3	Ø11.2

烙铁选购

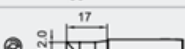
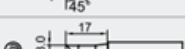
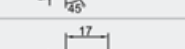
选购发热体	9SS-900N-HT
选购烙铁	9SS-900N-SI

热风枪选购

型号	SS-979E	SS-979B	SS-979H
热风枪	5SS-979E-HG	5SS-979B-HG	5SS-979B-HG

选购烙铁头：

OAL:43mm I.D.: 4.0mm O.D: 6.3mm

	5SI-216N-B		5SI-216N-3.2D
	5SI-216N-B1.0		5SI-216N-1C
	5SI-216N-BC		5SI-216N-2C
	5SI-216N-0.8D		5SI-216N-3C
	5SI-216N-1.2D		5SI-216N-4C
	5SI-216N-1.6D		5SI-216N-I
	5SI-216N-2.4D		5SI-216N-K

五、用途

1. 适合多种组件的拆焊。
2. 用于热收缩、烘干、除漆、除粘、解冻、预热、胶焊接、电子维修及器件焊接作业等。

六、操作说明

1. 将拆焊台摆放好，手柄搁置在手柄架上。
2. 连接好电源。
3. 装置所需风嘴。
4. 打开拆焊台电源开关，显示窗口显示出厂或最后一次使用设定温度，之后显示“SLP”，此时拆焊台为待机状态。

5. 按“▲”或“▼”键设置工作温度。
6. 旋转风量调节旋钮，设置所需工作风量。
7. 拿起拆焊台手柄，拆焊台正常加热工作。调节风量旋钮使风量合适，待温度稳定后便能正常工作。
8. 工作完毕，必须把手柄放置手柄架，此时焊台自动切断加热电流，进入送冷风冷却发热体模式，当温度低于 100℃拆焊台进入待机状态，显示屏显示“SLP”。
9. 长期不操作，须关闭电源开关。

注意：

在能完成作业的情况下，尽量使用低的温度和大的风量，这样有助于拆焊台发热体的寿命及拆焊台内 IC 芯片安全。

七、设置温度

1. 在通电状态下，轻按“SET”键选择调风温与烙铁温度间转换。
2. 按“▲”或“▼”键调温度，默认为风枪温度状态，温度显示窗口会显示设置的温度。
3. 按一次“▲”键，则设定温度上升 1℃，显示窗口显示设置温度：按一次“▼”键，则设定温度下降 1℃；若按住“▲”或“▼”键不放，则温度迅速上升或下降。释放按键后，显示窗口显示设置温度。若不使用，热风枪风温低于 100℃则显示“SLP”，处于待机状态。
4. 同时按“▲”“▼”开机，恢复出厂设置。
5. 按 SET 开机，℃与°F选择。

八、温度校准：

1. 同时按“SET”和“▲”键校准风枪温度，此时输入测量实际温度值；
2. 同时按“SET”和“▼”键校准烙铁温度，此时输入测量实际温度值；
3. 按“SET”选择调节位置及退出，按“▲”“▼”调节数字；

注：热风测温位置在装好风嘴内约 3mm 中间点

显示符号说明：

- A. 显示：“SLP”，表示出风口温度低于 100℃，拆焊台进入待机状态。一般手柄搁置在手柄架上时。
- B. 显示“S—E”，表示开机后热风枪（烙铁）尚未连接至拆焊台，或热风枪（烙铁）的传感器有问题，需要更换新热风枪（烙铁）发热芯。
- C. 显示“H—E”，表示热风枪（烙铁）的发热芯有问题，需要更换新热风枪（烙铁）发热芯。
- D. 显示“F—E”，表示热风枪风扇有问题，需要更换新热风枪。

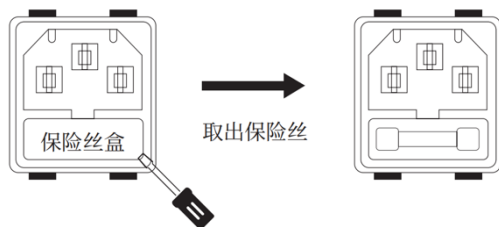
九、拆焊台使用须知

1. 热风拆焊台出风口及周边可能有极高温度，应小心谨慎，谨防烫伤。
2. 加热手柄必须放置在手柄架上，决不能放置工作台面或其他地方。
3. 请保持出风口通畅，不能有阻塞物。
4. 工作完毕，必须把加热手柄防止在手柄架上，让机器自动冷却至 100℃以下（进入待机状态）才能关闭电源开关。
5. 使用时出风口与对象之距离最少是 2 毫米，以出风口计算。
6. 根据工作要求，选用合适的风嘴，不同的风嘴，温度可能略有差别。
7. 烙铁不使用时，请放置于烙铁架。
8. 温度过高会降低烙铁头寿命，因此应选择适合工作温度。
9. 定期使用清洁海绵清理烙铁头。

10. 长时间连续使用烙铁时，应每周一次拆开烙铁头清除氧化物
11. 使用后应抹净烙铁头，镀上新锡层，以防止烙铁头引起氧化。
12. 不同款型烙铁头的温度可能有所不同，调节的最理想方法是使用测量烙铁头之专用温度计。(参照“温度校准”)

十、 更换保险丝:

当有误用的状况而造成保险丝烧断时，可以自行更换新的保险丝，以一字起子拆下电源座下方保险丝座后，装上新的保险丝再装回保险丝座即可。



完整说明书请至宝工官网下载在线完整版

Pro'sKit® 中国地区产品保固卡

购买日期		店章
公司名称		
联络电话		
电子邮箱		
联络地址		
产品型号	☐ SS-979H	

- ※ 在正常使用情况下，自原购买日起主机保修一年，发热芯保修三个月(不含配件、易耗品)。
- ※ 产品保固卡需盖上店章、日期章并填写产品序号，其保固效力始生效。
- ※ 本卡请妥善保存，如需维修服务时，请同时出示本保固卡，如无法出示，视为自动放弃。
- ※ 我司产品实行计算机编码，它将作为我司产品保固的依据，每台产品均有独立的编码，为了您能得到最好的服务，请勿损坏撕毁该编码。
- ※ 保固期满后，如需维修之性质，则酌收检修工时费用。若有零件需更换，则零件费另计。

保修说明

一、 保固期限内，如发生下列情况，本公司需依实际状况酌收材料成本或修理费(由本公司维修人员判定)：

- 产品表面的损伤，包括外壳的破裂或刮痕
- 因误用、疏忽、不当安装或测试，未经授权私自打开产品修理，修改产品或者任何其它超出预期使用范围的原因所造成的损害
- 因意外因素或人为因素(包括搬运、挤压、碰撞、高温、输入不合适电压、腐蚀等不可抗力因素)导致的故障或损坏。
- 因使用非宝工导致的故障及损坏。

二、非服务保证内容

- 本机主体外之配件：如烙铁头、吹风嘴、手柄、保险丝等配件。
- 任何因自然磨损、超负荷工作而引起的损坏。

三、 超过保固期限仍需检修，虽未更换零件，将依本公司保固条款酌收工时服务费用。

制造商：

宝工实业股份有限公司

制造商：宝工实业股份有限公司

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电话：886-2-22183233

E-mail：pk@mail.prokits.com.tw

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