



SS-55 series SOLDER POT

Thank you for purchasing the Pro'sKit solder pot. The Pro'sKit solder pot is a temperature controlled soldering pot which comes with ceramic heater insulated tube providing better protection. Please read this manual before operating. Keep this manual for reference.

SAFETY INSTRUCTION

Warnings and cautions are placed at critical points in this manual to direct the operator's attention to significant items. Failure to comply with a WARNING or CAUTION may result in an injury to the user, or damage to the unit.



WARNING

This entire device becomes hot in use. **DO NOT TOUCH** the metal surfaces or contents.

ALWAYS wear eye protection. Guard against accidental spills or splatter.

MOLTEN SOLDER can cause serious burns.

Be sure the pot has cooled down when changing the parts. Please unplug the power cord when not in use.



CAUTION

The molten solder in the solder pot is dangerous since it reaches about 550°C. The pot cover also becomes very hot when the power is on. Improper handling may cause burns or fire. Be sure to observe the following precautions.

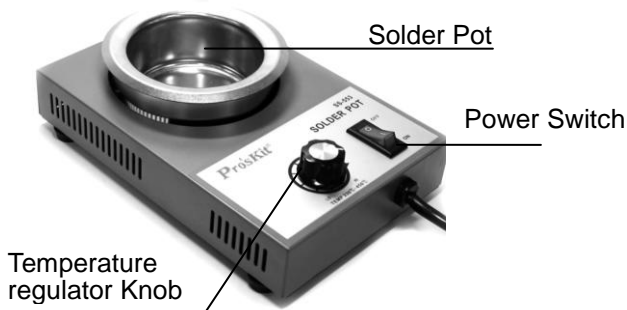
1. Use this solder pot on a highly stable metal workbench, never use it near paper or other flammable and explosive articles.
2. Provide warning notice of hot pot in the area of use.
3. Never permit an inexperienced person unfamiliar with heated solder pots and the characteristics of molten solder to use this device.

4. Do not modify the solder pot.
5. The presence of moisture can cause molten solder to explode and splatter. Keep workplace and work clean and dry.
6. Don't operate with wet hands, it will increase the risk of electric shock.
7. Don't always keep temperature at "400~550°C" (between 7~9 scale) for a long time, it may lead to shorten the service life of heating element.

FEATURES

1. Designed with electronic control board and high quality components providing temperature adjustment function and steady performance.
2. Crucible is made by stainless steel with titanium plating, featuring corrosion resistance and prolonged service life.
3. Comes with iron chromium aluminum wire heater and aluminosilicate heat preservation material provides excellent thermal stability.
4. Ceramic heater insulated tube provides better protection from high temperature operation.
5. Suitable for melting solder, plastic, resin and more.

SPECIFICATIONS



Model No.	SS-551B	SS-552B	SS-553B	SS-554B
	SS-551H	SS-552H	SS-553H	SS-554H
Power Consumption	150W	200W	250W	300W
Temperature Range	100~600℃	100~550℃	100~450℃	100~450℃
Crucible Size (mm)	ψ 38x35H	ψ 50x35H	ψ 80x40H	ψ 100x40H
Crucible material	Stainless steel with titanium plating			
Melting Time (Max.setting)	Approx. 10mins	Approx. 10mins	Approx. 20mins	Approx. 20mins
Solder capacity	0.3kg	0.5kg	1.6kg	2.2kg
Voltage	220V~240V 50/60Hz			
Standard plug	B series:  B type; H series:  H type			
Dimension (LxWxH)(mm)	150x90x60	150x90x60	210x140x65	210x140x65



CAUTION

- Keep the solder pot temperature at “300℃~350℃” (between 2~4 scale) to prolong its service life.
- Do not scrub or hit the solder pot with sharp or hard objects, the surface could be scratched which will cause corrosion and damage.

OPERATION

When used the first time, the electric heating core could smoke a little, this is normal.

Before using, be sure the power source contains a “ground wire”, working without that is not allowed.

Use a sand tray or insulation under the pot. Anchor the pot to the work surface.

1. Turning on the power, adjust the temperature regulator knob to the high-temperature position, after one minute, take solder stock rub the inner wall of solder pot until

melted solder liquid reach to 1/4 depth of solder pot.

2. After solder stock is melted, adjust the temperature to suggested temperature range of “300~350℃” (between 2~4 scale).

Note:

- ①. Temperature too high will cause premature solder pot aging, melted solder will become black or yellow. If flux has highly acidic substances, the solder pot will be corroded.
 - ②. Keep the solder crucible full during use. Do not permit an empty pot to fully heat; this will damage the unit.
3. When not in use temporarily, please turn the temperature knob to “LO” position to prevent solder stock oxidizing.
 4. Disconnect the pot when not in use.

TROUBLE SHOOTING

If the solder pot does not work when powered on, please check the power cord first. Otherwise, please contact your local supplier.

MAINTENANCE AND CLEANING

1. Before cleaning, please make sure the solder pot has cooled down and the power is disconnected.
2. Always use a dry or moist towel to clean the pot, do not use wet towel. Please do not use any strong or inflammable cleaners such as petrol, paint thinner, turpentine or similar cleaning agents which might contain chemical substances, it will cause damage to the metal parts of the unit.
3. Please do not block its ventilation holes or hinder its heat dissipation to prevent overheating.
4. Occasionally remove accumulated oxides from inner walls and bottom of pot.
5. Solder will corrode solder pot gradually, a daily check is highly recommended to avoid any liquid leakage from the holes and accidents from occurring.



SS-55 系列 精巧型圆型锡炉

一、概述

感谢您购买宝工锡炉系列产品，本公司产品使用优质不锈钢镀钛锡炉，锡炉使用温度控制电路，温度可依需求调整，采用高质量电子组件制造，性能稳定，是电子、电工、电器行业焊接加工作业的最佳选择。

二、安全注意事项

本说明书中所提到警告及注意事项请在操作前详细阅读了解，错误的操作将造成产品损坏或人员的伤害。



警告

当电源启动焊锡熔解后，锡炉温度将近 550°C ，电源关闭及插头拔除后，请先让锡炉回到室温再进行零件更换或收藏，以避免人员受伤。



注意事项

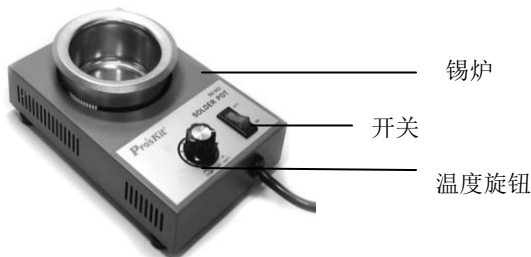
当锡锅中的焊锡溶化后，其温度将近 550°C ，错误的操作方式可能导致烧伤或起火，请务必遵循以下的注意事项。

1. 请在较高及稳定的金属工作台上操作，工作区域内请勿堆放纸类或其它易燃易爆的物品。
2. 请提醒工作区域附近的人员勿接近或触摸高温的锡炉。
3. 请勿将水放入高温的锡炉内，以免造成焊锡溅出或爆炸。
4. 请不要让不熟悉或对操作说明不了解的人员使用。未经训练的人员操作会造成危险。
5. 请勿拆解更改锡炉内部接线。
6. 请勿让锡炉存放于有水的环境，水气进入或以湿的手接触可能会增加触电风险。
7. 更换零件时请选用原厂零件。
8. 请勿长期保持锡炉在高温 $400\sim 550^{\circ}\text{C}$ (约第7~9格之间)环境下使用，这样容易导致发热体寿命减短。
9. 如果电源软线损坏，为了避免危险，必须由制造商、其维修部或类似部门的专业人员更换。

三、性能特点

1. 锡炉为温度控制电路，采用高质量电子组件制造，温度可调，性能稳定。
2. 锡炉采用不锈钢镀钛，具有更好的防腐蚀性及耐热性。
3. 发热体采用铁铬铝线，以云母片包覆，并用陶瓷管绝缘引线，更耐用。
4. 硅酸铝保温层(非石棉)，无毒、环保。
5. 适用于锡、胶、脂…等，长温/低温易凝结物质，溶解使用。

四、产品规格



型 号.	SS-551B	SS-552B	SS-553B	SS-554B
	SS-551H	SS-552H	SS-553H	SS-554H
额定功率	150W	200W	250W	300W
温度范围	100~600℃	100~550℃	100~450℃	100~450℃
锡炉尺寸(mm)	ψ 38x35H	ψ 50x35H	ψ 80x40H	ψ 100x40H
锡炉材质	不锈钢材质镀钛处理			
熔锡时间 (Max.setting)	约 10 分钟	约 10 分钟	约 20 分钟	约 20 分钟
熔锡量	0.3kg	0.5kg	1.6kg	2.2kg
电 压	220V-240V~ 50/60Hz			
插头形式	B 系列:  B type; H 系列:  H type			
尺寸(长x宽x高) (mm)	150x90x60	150x90x60	210x140x65	210x140x65

- * 锡炉常用温度是300~350℃(约第2~4档之间)，调整设定较低的适用温度，有助延长锡炉使用寿命。
- * 请勿使用尖锐或坚硬的物体敲击或擦拭锡炉，以免造成刮伤，导致长期腐蚀进而穿孔漏锡。

五、操作说明

- * 初次使用加热时，会有少许烟雾冒出，此为正常状况请安心使用。
- * 使用前接地线务必接地，禁止在未接地状况下使用。

1. 开启电源开关，将温度旋钮调整到最高温度，一分钟后将锡丝/条摩擦锡炉内壁，直到锡丝/条溶解液约达1/4锡炉高度后停止摩擦，直接放入锡炉内。
2. 锡丝/条溶解后，建议将温度旋钮调整到300~350°C (约第2~4档之间)，若持续保持在高温下将会导致锡锅快速老化，溶解的焊锡会变成黄色或黑色，若助焊剂含有较多酸性物质，会腐蚀锡炉。
3. 若短时间不使用，建议将温度设定在”LO”档，以降低功耗及避免焊锡氧化。
4. 请在无人使用或看顾锡炉时关掉电源开关。

六、故障排除

当电源开关开启而锡炉未加温时，请先确认电源线是否已插入插座，若已接上仍无动作，请连络当地经销商。

七、维护与清洁

1. 清洁前请先确认锡炉已冷却并拔除电源线。
2. 请使用干的或是微湿的毛巾进行清洁。许多清洁剂含有化学物质，可能会使机器的金属部位造成损坏。因此请勿使用其它较强烈或易燃的清洗剂像是汽油、松香水，松节油及其它类似的清洁剂。
3. 本机通风孔请防止灰尘沉积以免过热。长期溶解焊锡会渐渐的侵蚀锡炉产生洞孔，并使焊锡漏出。建议使用后确认锡炉状况以确保工作安全执行。

Pro'sKit®



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- ※ 在正常使用情况下，自原购买日起 12 个月免费维修保证（不含耗材、消耗品）。
- ※ 产品保固卡需盖上市章、日期章，其保固效力始生效。
- ※ 本卡请妥善保管，如需维修服务时，请出示本卡以为证明。
- ※ 保固期满后，属调整、保养或是维修性质之服务，则酌收检修工时费用。若有零件需更换，则零件费另计。

产品保固说明

- 保固期限内，如有下列情况者，维修中心则得酌收材料成本或修理费(由本公司维修人员判定)：
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 - 因误用、疏忽、不当安装或测试，未经授权打开产品修理，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
 - 因事故、火灾、电力变化、其它危害，或自然灾害所造成的损害。
 - 非服务保证内容：
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 - 机件本体之外之附配件：如耳机麦克风，电源供应器，记忆卡，CD 等附配件。
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