

Pro'sKit[®]

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.

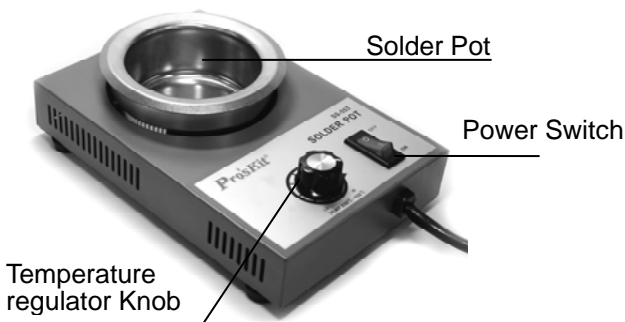
1. Use this solder pot on a highly stable metal workbench, never use it near paper or other flammable and explosive articles.
2. Provide warning notice of hot pot in the area of use.
3. Never permit an inexperienced person unfamiliar with heated solder pots and the characteristics of molten

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.

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	250~550℃	250~550℃	230~450℃	230~450℃
Crucible Size (mm)	φ 38x35H	φ 50x35H	φ 80x40H	φ 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 as low as possible 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,

2. After solder stock is melted, adjust the temperature to suggested temperature range of “300~350°C” (between 4~9 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. 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.

Pro'sKit®

SS-55 系列 精巧型圓型錫爐

一、 概述

感謝您購買寶工錫爐系列產品，本公司產品使用優質不鏽鋼鍍鈦錫爐，錫爐使用溫度控制電路，溫度可依需求調整，採用高品質電子元件製造，性能穩定，是電子、電工、電器行業焊接加工作業的最佳選擇。

二、 安全注意事項

本說明書中所提到警告及注意事項請在操作前詳細閱讀了解，錯誤的操作將造成產品損壞或人員的傷害。



警告

當電源啟動焊錫熔解後，錫爐溫度將近 550°C ，電源關閉及插頭拔除後，請先讓錫爐回到室溫再進行零件更換或收藏，以避免人員受傷。



注意事項

當錫鍋中的焊錫溶化後，其溫度將近 550°C ，錯誤的操作方式可能導致燒傷或起火，請務必遵循以下的注意事項。

1. 請在較高及穩定的金屬工作台上操作，工作區域內請勿堆放紙類或其它易燃易爆的物品。
2. 請提醒工作區域附近的人員勿接近或觸摸高溫的錫爐。
3. 請勿將水放入高溫的錫爐內，以免造成焊錫濺出或爆炸。
4. 請不要讓不熟悉或對操作說明不瞭解的人員使用。未經訓練的人員操作會造成危險。
5. 請勿拆解更改錫爐內部接線。

6. 請勿讓錫爐存放於有水的環境，水氣進入或以濕的手接觸可能會增加觸電風險。
7. 更換零件時請選用原廠零件。

三、性能特點

1. 錫爐為溫度控制電路，採用高品質電子元件製造，溫度可調，性能穩定。
2. 錫爐採用不鏽鋼鍍鈦，具有更好的防腐蝕性及耐熱性。
3. 發熱體採用鐵鉻鋁線，以雲母片包覆，並用陶瓷管絕緣引線，更耐用。
4. 矽酸鋁保溫層(非石棉)，無毒、環保。
5. 適用於錫、膠、脂…等，長溫/低溫易凝結物質，溶解使用。

三、產品規格



型 號.	SS-551B	SS-552B	SS-553B	SS-554B
	SS-551H	SS-552H	SS-553H	SS-554H
額定功率	150W	200W	250W	300W
溫度範圍	250~550°C	250~550°C	230~450°C	230~450°C
錫爐尺寸(mm)	φ 38x35H	φ 50x35H	φ 80x40H	φ 100x40H
錫爐材質	不鏽鋼材質鍍鈦處理			
熔錫時間 (Max.setting)	約 10 分鐘	約 10 分鐘	約 20 分鐘	約 20 分鐘
熔錫量	0.3kg	0.5kg	1.6kg	2.2kg
電 壓	220V~240V 50/60Hz			
插頭形式	B 系列:  B type; H 系列:  H type			
尺寸(長x寬x高) (mm)	150x90x60	150x90x60	210x140x65	210x140x65

- * 初次使用，發熱芯產生少量的白煙，屬於正常現象。
- * 錫爐常用溫度是300~350°C(約第4~9檔之間)，調整設定較低的適用溫度，有助延長錫爐使用壽命。
- * 請勿使用尖銳或堅硬的物體敲擊或擦拭錫爐，以免造成刮傷，導致長期腐蝕進而穿孔漏錫。

8. 四、

五、操作說明

- * 初次使用加熱時，會有少許煙霧冒出，此為正常狀況請安心使用。
 - * 使用前接地線務必接地，禁止在未接地狀況下使用。
1. 開啓電源開關，將溫度旋鈕調整到最高溫度，一分鐘後將錫絲/條摩擦錫爐內壁，直到錫絲/條溶解液約達1/4錫爐高度後停止摩擦，直接放入錫爐內。
 2. 錫絲/條溶解後，建議將溫度旋鈕調整到300~350°C(約第4~9檔之間)，若持續保持在高溫下將會導致錫鍋快速老化，溶解的焊錫會變成黃色或黑色，若助焊劑含有較多酸性物質，會腐蝕錫爐。

3. 請在無人使用或看顧錫爐時關掉電源開關。

六、故障排除

當電源開關開啓而錫爐未加溫時，請先確認電源線是否已插入插座，若已接上仍無動作，請連絡當地經銷商。

七、維護與清潔

1. 清潔前請先確認錫爐已冷卻並拔除電源線。
2. 請使用乾的或是微濕的毛巾進行清潔。許多清潔劑含有化學物質，可能會使機器的金屬部位造成損壞。因此請勿使用其它較強烈或易燃的清洗劑像是汽油、松香水，松節油及其它類似的清潔劑。
3. 本機通風孔請防止灰塵沉積以免過熱。
4. 長期溶解焊錫會漸漸的侵蝕錫爐產生洞孔，並使焊錫漏出。建議每日使用後確認錫爐狀況以確保工作安全執行。

Pro'sKit®



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