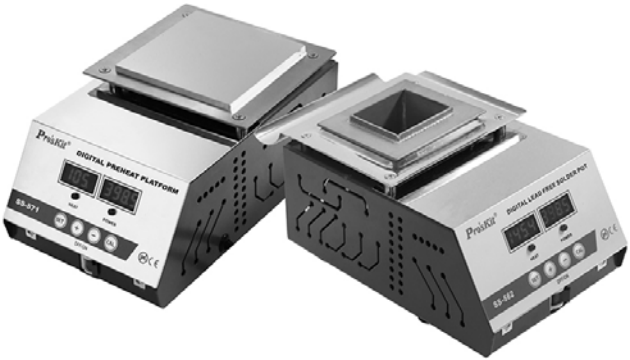
Pro'sKit®

SS-562 Digital lead free solder pot
SS-571 Digital lead free preheat platform

CE



User's Manual
1st Edition,

General

Thank you for purchasing the Pro'sKit Digital lead free solder pot or Digital preheat platform. The solder pot or preheat platform are temperature controlled 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 or platform has cooled down when changing the parts.

Please unplug the power cord when not in use.

⚠ **CAUTION**

1. The soldering pot or preheat platform should check power supply voltage is meeting specification before the use.
2. The soldering pot or preheat platform should be kept dry, don't work in humid environment or in the rain.
3. Use this solder pot or preheat platform on highly stable metal workbench, never use it near paper or other flammable and explosive articles.
4. Please wear safety glasses and gloves when operate soldering pot or preheat platform. That prevent water or foreign particle drop into solder pot it will cause solder to spatter out from the solder pot work

5. Never move、hit、disassemble and assemble heating element parts when plug in power source. You can move the soldering pot after plug out power source and cooling.
6. When using soldering pot that temperature of housing is 50 ℃ ~ 80 ℃, do not touch the housing.
7. Always power off after use or leave working place, avoid accidents.
8. Don't always set highest temperature except needed in order to extended service life and reduce tin oxide

Features:

1. The solder pot is made by high-quality titanium plate. It is high temperature resistance, corrosion-resistant, acid resistant , non-stick tin , less tin oxide , can long-term use on 600 ℃. It is the best choice for lead-free operation.
2. Platform is made by aluminum alloy, high density and good thermal conductivity.
3. Smart thermostat with PID control , dual digital display for clear and intuitive reading, high- accuracy, high thermal sensitivity , heating rapidly , fast temperature compensation.
4. Height quality ceramic heater and thermocouple can quickly melt lead-free solder, small power consumption, energy saving, heating up fast, long service life
5. With stainless groove for easy and convenient. tin slag cleaning up,

Instruction:

1. Temperature setting:
   A. Plug in to power source, switch power on , press "+" or "-" key to adjust temperature, long press "+" or "-" to adjust the temperature automatically, press "SET" key to select which

digital to adjust with a lower right dot, then press "+" or "-" key to adjust number, the temperature set will be automatically saved after two seconds, switch power off still keep save temperature setting value.

B. MCU Self-tuning function: When the actual temperature and temperature setting value deviation too high, perform self-tuning function to correct temperature, long press 3 seconds “SET” key then start Self-tuning function. Right display showed “AT” and temperature setting value alternately flashing about 20 minutes until flashing stops then it will auto exit the self-tuning function for finish the function.

If you want quit this function but not yet finished, press “SET” to quit this function, but the Self-tuning is not complete.

2. Temperature compensation:

If the temperature measured value and the actual temperature of pot after the self-tuning deviation still too high, can apply following methods. long press "CAL" key two seconds, left display showed “SC” then press the "+" or "-" key to set compensate temperature that showed on right display, Finally press "CAL" button to save and exit.

3. Note:

A. When microcomputer on setting, it cannot adjust the other parameters at same time.

B. Perform self-tuning function, take about 20 minutes, after that need 10 minutes for stable, during this process will cause high and low deviation is normal.

C. The best timing to perform Self-tuning function is about 230℃ that tin just start to melt.

Specifications

Model No.	SS-562B	SS-562H
Voltage	AC200V – 240V / 50 hz ~ 60 hz	
Plug type	 B type	 H type
Power Consumption	350W	
Temperature Range	Room temperature ~ 600℃ ± 5℃	
Working humidity	90% RH	
Control system	**PID control**	
Temperature compensation setting	**-200~400**℃	
Crucible Size	**55 x 55 x 45 mm**	
Crucible material	2.0mm Titanium board	
Melting time (Temp. 280℃)	**Approx. 12mins**	
Solder capacity	**1.3Kg**	
Crucible to ground Resistance	**<2Ω**	
Insulation resistance	**> 100MΩ**	
Dimension	266LX145WX120H	
Weight (not including packing)	2.3kg	

Model No.	SS-571B	SS-571H
Power Consumption	300W	
Temperature Range	Room temp. 400℃	
Control system	PID Control	
Temperature compensation setting	-200~400℃	
Platform size	100x100 (mm)	
Platform material	Aluminum alloy	
Melting time (temp. 280℃)	Approx. 10 mins	
Voltage	220V~240V 50/60Hz	
Standard plug	 B type	 H type
Dimension (LxWxH)	280×145×115 (mm)	

Trouble shooting:

1, Switch power on but no work please confirm power plug is inserted to power source;

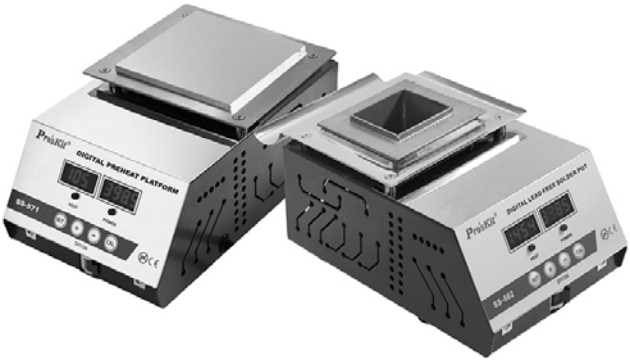
2, Switch on but no heat up, indicate heater disconnection;

3, If left display shows the temperature is very high and right display shows "ORA" and keeping flashing, that indicate thermocouple circuit open, or temperature control meter glitch.

Pro'sKit®

SS-562 專業無鉛雙數顯溫控熔錫爐
SS-571 專業無鉛雙數顯溫預熱平台
使用手冊

CE



概述

感謝您購買寶工錫爐及預熱平台系列產品，本公司錫爐使用優質純鈦錫爐、平台使用鋁合金，兩者都使用溫度控制電路，溫度可依需求調整，採用高品質電子元件製造，性能穩定，是電子電線行業生產領域不可缺少的理想工具。使用前請詳讀本說書並妥善保存。電子、電工、電器行業焊接加工作業的最佳選擇。

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

當錫爐溫平台在高溫的狀態下，先將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：

（1）產品使用前應檢查電源電壓是否相符。

（2）產品應保持乾燥，不宜在潮濕或淋雨環境下工作。

（3）產品應安放平穩，禁止在易燃易爆物品及可燃氣體附近使用產品。

（4）產品使用時操作者應使用護目鏡和防熱手套，使用中注意避免異物掉進熔錫鍋內，防止高溫焊錫從錫鍋中濺出，焊錫和焊爐及平台整體溫度較高，要小心工作，謹防燙傷。

（5）熔錫爐通電後嚴禁移動，不能任意敲擊，拆卸及安裝其電熱部分零件。如需移動熔錫爐時，必須先切斷電源，待錫爐冷卻到室溫時再進行。

（6）使用時產品外殼溫度高這是正常現象，注意，切勿觸摸外殼。

（7）使用完畢，應關閉電源，在無人看管情況下，不要將產品通電加溫。本產品爲高溫設備，不使用時切記切斷電源，以免發生意外。

（8）爲了延長使用壽命，和減少錫的氧化，請勿一味將溫度調至最高，請視需要而定

性能特點：

1、無鉛數顯錫爐爐膽採用進口軍工級優質鈦板製作（鈦廣泛應用於航空，航太，化學，生物等方面）。在長期 600℃高溫下，具有耐高溫、耐腐蝕、抗酸性、不沾錫、錫氧化少等特性，並全部擁有 SGS 認證報告，是無鉛作業的最佳選擇。

2、預熱平台採用鋁合金，鋁板經陽極處理加熱快、耐腐蝕、受熱均勻、效率高

3、溫控器採用 PID 智慧控制，雙數碼顯示，直觀明確，精度高，熱靈敏度高，回溫迅速，溫度補償快。

4、陶瓷發熱芯及熱電偶均採用進口元件製作，能快速溶解無鉛錫條，用錫量少、耗電量小、節能，升溫快，使用壽命長

5、本產品採用優質空氣開關，提升了使用壽命，加強了線路保護，更安全，更有保障。

6、產品設有錫渣槽，清理錫渣及其方便。

產品使用說明：

1、 溫度設定：

A、 接上電源，打開產品電源開關，使用“+”或者“-”鍵調節溫度，長按這兩鍵自動上升或下降調節溫度，使用”SET”鍵來選舉要調整的位數，此時可看到要調整的位數右下角會有亮點，亮點停在某位元位數後面就可以使用“+”或者“-”鍵進行調整，所設定的溫度值在兩秒鐘後機器會自動保存，不受開關電源的影響。

B、 微電腦自整定功能：如果機器實際溫度和設定溫度值偏差過高的時候，可進行自整定操作校正，長按”SET”鍵三秒鐘溫控器就自動進入自整定狀態，右邊的顯示器顯示”At”和設定溫度不停的交叉閃爍，直到 20 分鐘左右自整定結束後，螢幕才會顯示您所設定的溫度值。此時即完成自整定功能

如果自整定未結束時可按”SET”鍵退出自整定功能，但是此時自整定爲無效。

2、 溫度補償:

假如溫度測量值和爐內實際溫度經過自整定後偏差過高時，可以用以下方法進行校正。

按住“CAL”功能鍵兩秒鐘，此時左邊的顯示器顯示”SC”然後可按“+”或者“-”鍵進行補償溫度的設定，補償溫度的設定值會顯示在右邊的顯示器，結束按“CAL”鍵即可保存並退出。

3、 **注意事項**：

A、 微電腦在進行自整定時候，其他各項參數不可調整。

B、 在自整定功能工作時，需要耗時差不多 20 分鐘，，結束後還需要 10 分鐘穩定的過程，因此在這段時間內溫度偏差高與低是正常的自整定現象。

C、 自整定功能最佳的時機在實際溫度約 230℃時剛開始要熔錫的時候。

SS-562 產品參數：

型　號	SS-562B	SS-562H
輸入電壓	AC200V – 240V / 50 hz ~ 60 hz	
插頭型式	 B 型	 H 型
消耗功率	350W	
溫度範圍	室溫~ 600℃ ± 5℃	
工作濕度	90% RH	
溫控系統	PID 控制	
溫度補償設定範圍	-200~400℃	
錫鍋尺寸	55 x 55 x 45 mm	
錫鍋材質	2.0mm 純鈦板	
熔錫時間 (溫度. 280℃)	Approx. 12mins	
熔錫量	1.3Kg	
錫鍋對地阻抗	<2Ω	
絕緣組抗	> 100MΩ	
產品尺寸	266LX145WX120H	
產品重量 (不含包裝)	2.3kg	

SS-571 產品參數：

型　號	SS-571B	SS-571H
輸入電壓	AC200V – 240V / 50 hz ~ 60 hz	
插頭型式	 B 型	 H 型
消耗功率	300W	
溫度範圍	室溫~ 400℃ ± 5℃	
溫控系統	PID 控制	
溫度補償設定範圍	-200~400℃	
平台尺寸	100x100 mm	
平台材質	鋁合金	
熔錫時間 (溫度. 280℃)	Approx. 10mins	
產品尺寸	280×145×115 (mm)	
產品重量 (不含包裝)	2.3kg	

故障檢測：

1、　開機不通電，電源插座是否插好；

2、　開機後溫度顯示不變化，不升溫，表示發熱體斷開；

3、　開機後如果左邊顯示幕顯示溫度很高，右邊顯示幕顯示 ORA 並一直閃爍，則表明熱電偶開路，或者控溫表故障。

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