

# SOLDERING & DESOLDERING



## SS-989E / SS-989B 2 In 1 SMD Hot Air Rework Station



- Quiet operation & ESD safe design
- Closed circuit sensor design
- Microprocessor-controlled with Calibration function features accurate temperature control and easy to repair
- Alumina Ceramic Soldering iron heating element features high power, fast warm up
- Silicone handpiece cord wire heat-resistant up to 200°C
- Comes with AWG 20 (0.5mm<sup>2</sup>) UL Certified Wires.
- Individual function start saves energy
- Auto cool-off process to prolong the life of heating element
- Interchangeable and applicable to most of branded hot air nozzles and tips

*2X Lifetime  
Heat Fast, 36sec 300°C  
Smart Microprocessor controlled  
Auto Cooling System  
**UL certified wires***



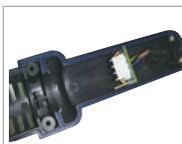
Soldering stand



SMD rework



Soldering work



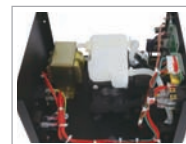
All around air-tight seal in hot air gun





Connectorized design for quick change heater



All in one PCB design



High quality assembly

Specification		
Model No.	SS-989E	SS-989B
Power Consumption	700W	
Soldering Power	60W	
Soldering Iron Temperature Range	200°C ~ 480°C (392°C ~ 896°F)	
Hot Air Temperature Range	room temperature ~ 480°C (896°F)	
Heating Element	Alumin ceramic heating element	
Hot Air Heating Element	Metal Heating Core	
Pump/Motor Type	Diaphragm Pump	
Air Capacity	24L/min (max)	
Equipment noise	45dB	
Temperature Display	LED	
Power Input	AC110-120V, 60Hz	AC220-240V, 50Hz
Standard Plug		
Dimensions	255(L)x190(W)x140(H)mm	
Weight	4200g	
Accessories		
Soldering Iron (60W)	9SS-900N-SI(AC24V/60W) x 1pcs	
Hot Air Gun	9SS-900NE-HG (AC110V~120V)	9SS-900NB-HG (AC220V~240V)
Soldering Stand	1pcs	
Nozzle	9SS-900-A1 (Ø2.3mm) x 1pcs 9SS-900-A2 (Ø6.4mm) x 1pcs 9SS-900-A3 (Ø8.8mm) x 1pcs	
Individual packing	Color Box	

### Replacement Tips:

Please refer to 5SI-216N series Soldering tip on page.113

### Replacement Accessories:

Soldering Iron: 9SS-900N-SI  
Hot Air Gun: 9SS-900NE-HG(AC110~120V)/9SS-900NB-HG(AC220~240V)  
Soldering Iron Heater: 9SS-900N-HT  
Hot Air Gun Heater: 5SS-989NE-H(AC 110~120V)  
5SS-989NB-H(AC 220~240V)

IC Package	IC (mm)	Model No.
Single 		9SS-900-A1
		9SS-900-A2
		9SS-900-A3
QFP (Quad Flat Pack) 	10x10	9SS-900-B
	14x14	9SS-900-C
	17.5x17.5	9SS-900-D
	14x20	9SS-900-E
SOP (Small Outline Package) 	28x28	9SS-900-F
	4.4x10	9SS-900-H
	5.6x13	9SS-900-I
	7.5x15	9SS-900-J
PLCC (Plastic Leaded Chip Carrier) 	7.5x18	9SS-900-K
	17.5x17.5	9SS-900-L
	20x20	9SS-900-M
	25x25	9SS-900-N
	30x30	9SS-900-O

## SS-969E / SS-969B SMD Rework Station



*Brushless motor*  
*Microprocessor-controlled*  
*Auto-sleep and work mode*  
**UL certified wires**  
*Durable metal case*



**700W**  
**450°C**



- Microprocessor-controlled with closed circuit sensor design, provide high power and quick warm up times.
- Adjustable air flow, air volume and temperature to meet variety applications.
- Handle with sensor design provides real-time operating.
- Brushless motor design, quiet in operation, equipment noise less than 45dB.
- Auto cool-off process to prolong the life of heating element.
- Silicone Handpiece cord wire heat-resistant up to 200°C.
- AWG 20 (0.5mm<sup>2</sup>) UL Certified Wires.
- Metal case with painting makes more durable.

### Specification

Model No	SS-969E	SS-969B
Power Consumption	700W	
Temperature Range	100~450°C (212~842°F)	
Heating Element	Metal Heating Core	
Equipment Noise	<45dB	
Temperature Display	LED	
Air Volume	120L / min (Max.)	
Fuse type	250V / 8A	250V / 5A
Input Voltage	AC110V~120V, 60Hz	AC220V~240V, 50Hz
Plug Type	E	B
Machine Size (mm)	170 x 170 x 140	
Overall Package (mm)	280 x 185 x 170	
Weight	1.43 kgs	

### Accessories

	5SS-969NE-HG AC(110~120V)	5SS-969NB-HG (AC220~240V)
Heat Air Gun	(225 x 60 x 40mm / wire length 140cm)	
Nozzle	9SS-969-A1 x 1pcs ( ID: Ø 4.3mm ) 9SS-969-A2 x 1pcs ( ID: Ø 7.4mm ) 9SS-969-A3 x 1pcs ( ID: Ø 9.4mm )	
Individual packing	Color box	



Standard nozzles x 3 pcs



SMD rework



High quality assembly



Additional ground contact

## SS-601A / SS-601F Hot Air SMD Rework Tool



*Microprocessor-controlled*  
*Temperature adjustable*  
*Space saving design*

- CPU control to precisely control both temperature and air flow to tight specifications.
- Fully digital settings and visual display for easy use and control.
- Temperature adjustable from 100°C to 480°C.
- Space saving design, built-in fan for air control eliminates need for separate air pump.
- Three different nozzles sizes included.
- Can be used for QFP, SOP and PLCC SEM ICs.



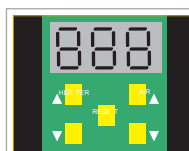
SMD rework



Standard parts x 3 pcs



Put on table



Digital display & set



Hang on the wall

Model No.	Voltage	Consumption	Temperature	Replacement heater	Standard plug	Individual packing
SS-601A	100~120V	5~500 W	100°C~480°C (212°F~896°F)	9SS-601A-H	A	Color box
SS-601F	220~240V	5~600 W	100°C~480°C (212°F~896°F)	9SS-601B-H	F	

Replacement Nozzle: Please follow up 9SS-900 series nozzle. (as page.109)



## SS-952B SMD Rework Station with Vacuum Pickup



- Micro processor-controlled ESD safe easy-to-adjust temperature and airflow control with digital display.
- High performance provides fast heating response.
- Built-in temperature sensor and thermal protector that aids in providing stable temperature measurement and protection.
- Integrated airflow gauge for precise airflow level adjustment.
- Automatic cooling function for safety and added protection.
- Unique sleep mode with timer functionality.

Specification	
Voltage	AC 210-240 V / 50-60 Hz
Power consumption	600 W
Temperature Range	100°C - 480°
Heating Element Type	Metal Heating Core
Pump/Motor Type	Diaphragm Special-Purpose Lathe Pump
Air Capacity	23 l/min (Max)
Standard Plug	B
Standard Plug	4 pcs Air Nozzles
	Hot Air Gun Holder
	IC Popper
	Power Cord
	Vacuum Suction Pen
Station Size(mm)	188 (W) x 127 (L) x 244 (D)
	Weight
Weight	3.8Kg
Individual packing	Blank Box



**PROFESSIONAL**

Microprocessor-controlled  
Auto-sleep and work mode  
Fast heating response

## SS-331B LCD Desoldering Station



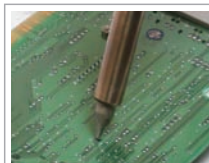
- Built-in high power 600mm Hg air pump, design for lead-free desoldering of single and multi layer PCB.
- High performance provides fast heating response.
- Microprocessor controlled, provides accurate temperature control from 160 to 480°C.
- Provides fast heat up, fast recovery and high insulation resistance.
- Features 20 times longer lifetime than transitional type heater and better performance.
- Ergonomically friendly structure allows one hand operation, more efficient and comfortable.

Specification	
Voltage	220-240V AC
Power Consumption	140W
Temperature Range	160°C ~ 480°C
Control System	Microprocessor
Vacuum Pump System	Air Pump Motor
Vacuum Pressure	600mm Hg
Heating Element	Ceramic Heater
Insulation Resistance	100MΩ
Ground Resistance	0.3Ω
Connecting Cord/Hose Length	105cm
Power Cord Length	1.2m(3 core cord ground plug)
Certificate	CE, GS, RoHS
Station Size (mm)	225 x 160 x 130
Weight (kgs)	2.5
Accessories	Spare tip x 3:(ø1.2(on the gun)ø1.0/ø1.5mm) Cleaning tool x 3 (ø0.7/ø0.9/ø1.2mm) Filter sponge x 4 (ø20.8x1+ø16.8x3)
Individual packing	Blank Box



**PROFESSIONAL**

High Power Vacuum Pressure  
Microprocessor-controlled  
Ceramic Heater for quick heat up



Ceramic heater features 20 times longer lifetime and better performance than transitional type heater

## SS-257E/SS-257B LCD Smart Soldering Station Stainless Steel Heating Element



- **Microprocessor controlled**  
Features best performance, accurately temperature control.
- **High quality heating element, recovery fast**  
Comes with high end quad-wire heating element for fast heat recovery.
- **Large LCD display with shuffle knob design**  
Large screen with backlight, LCD contrast and brightness are adjustable.  
Designed with function manual and shuffle knob for easy setting, more convenient and user friendly.
- **3data memories**  
Store and recall frequently used temperature values.
- **USB port output**  
Built-in DC 5V/1A USB port for power supply.
- **Smart functions**  
Auto sleep and awake up function, auto power off, system lock, tip calibration and low consumption.

**INDUSTRIAL GRADE**

**75W**  
**500°C**



Large LCD w/backlight



Shuffle knob for quick setting



USB power supply

Model No.	SS-257E	SS-257B
Input voltage	AC 110~120V 60Hz or AC 220~240V 50Hz universal switch	
Control system	Microprocessor-controlled	
Power consumption	75W	
Display	LCD 74x40mm, 256x128 dot. backlight	
Temperature range	30~500°C±10°C(86~932°F±50°F)	
Temperature calibration	±0~200°C(32~392°F)	
Temperature stability	±20°C/±36°F (no load)	
Heating element	High end quad-wire Heater	
Plug	E	B
Sleep mode	OFF, 1~360min. adjustment	
Temperature of sleep mode	30~400°C/86~752°F	
Auto power off	OFF/1~360min adjustable	
USB port output	DC 5V/1A	
Memory	3 sets	
Tip-to-Ground resistance / potential	≤ 2 Ω / ≤ 2 mV	
Size	185×120×94 mm	
Weight	2.36 Kg	

### Replacement Accessories:

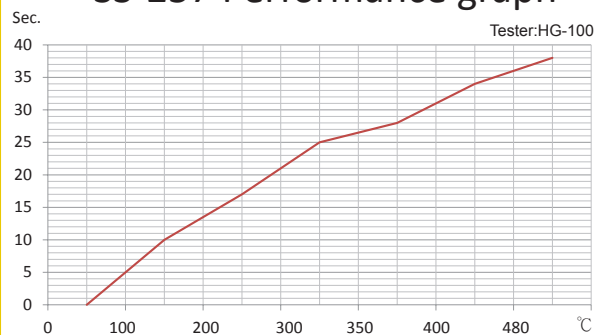
Soldering Iron: 9SS-257-SI

Soldering Iron Heater: 9SS-257-HT

### Replacement Tips:

Please refer to 5SI-216N series Soldering tip on page.113

### SS-257 Performance graph



# SS-206B /SS-206E/ SS-207B/SS-207E Temperature-Controlled Soldering Station



**UL certified wires and components**

Modular design for quick repair

Alumin ceramic heater

Compact size design

Lead free process



**SS-206B/SS-206E**



Product Video



**SS-207B/SS-207E**

## Features





- Comply with CE, ESD safe certification.
- Adjustable temperature control with lock/set screw.
- Temperature range 200- 480°C (392-896°F).
- Soldering iron handles are insulated and ergonomically designed for ease and comfort.
- Celsius or fahrenheit temperature setting.
- Control IC modular design for easy and quick repair.



Modular design for easy repair



High quality assembly

Model No.	SS-206B	SS-206E	SS-207B	SS-207E
Power consumption	60W			
Output voltage	24VAC			
Display	Analog		Digital	
Heater	Alumin ceramic heating element			
Temperature range	200°C- 480°C (392°F-896°F)			
Station Size(mm)	115x95x130			
Voltage	220~240V 50Hz	110~120V 60Hz	220~240V 50Hz	110~120V 60Hz
Standard Plug	B  type	E  type	B  type	E  type
Replacement heater	9SS-900N-HT			
Soldering Iron	9SS-900N-SI			
Individual packing	Color Box			

## 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



## ▶ SS-201 Mini Soldering Station



Economic Type

- Super slim, pen-like style for greater control and visibility.
- Specially designed for repairs to cell phones and PC boards.
- Conductive soldering stand.



Mini Ceramic Heater & Tip

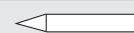


AC 110/220V Switch

Model No.	Voltage	Consumption	Temperature
SS-201	AC 110/220V Switch	4~14 (W)	~330°C (~626°F)

Replacement iron	Replacement heater	Standard plug	Individual packing
9SS-201-IRON	9SS-201-H	B	Color Box

Replacement tips:



9SS-201-T

## ▶ SS-55 Series Solder Pot

**BEST Value**



*Stainless Steel Pot  
Titanium Plating  
Electronic control board*

- Electronic control board and high quality components providing temperature adjustment function.
- Crucible is made by stainless steel with titanium plating, featuring corrosion resistance and prolonged service life.
- Iron chromium aluminum wire heater and aluminosilicate heat preservation material.
- Ceramic heater insulated tube provides better protection.
- Ideal for melting solder, plastic, resin and more.



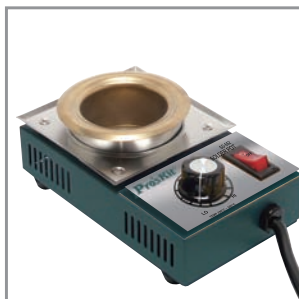
Ceramic heater insulated tube



Aluminosilicate heat preservation material



SS-551B



SS-552B



SS-553B



SS-554B

Model No.	SS-551B	SS-552B	SS-553B	SS-554B
Power Consumption	150W	200W	250W	300W
Temperature Range	250°C~550°C	250°C~550°C	230°C~450°C	230°C~450°C
Crucible size	Ø38x35H(mm)	Ø50x35H(mm)	Ø80x40H(mm)	Ø100x40H(mm)
Crucible material	Stainless steel with titanium plating			
Melting Time (Max. setting)	Approx. 10 mins	Approx. 10 mins	Approx. 20 mins	Approx. 20 mins
solder capacity	0.3kg	0.5kg	1.6kg	2.2kg
Voltage	220V~240V 50/60Hz	220V~240V 50/60Hz	220V~240V 50/60Hz	220V~240V 50/60Hz
Standard plug	B			
Dimension (LxWxH)	150x90x60 (mm)	150x90x60 (mm)	210x140x65 (mm)	210x140x65 (mm)

**SS-562B** Digital Lead Free Solder Pot  
**SS-571B** Digital Preheat Platform



*PID controlled with Temperature compensation  
 Dual digital display, easily setting and operating  
 Compatible with lead free process*

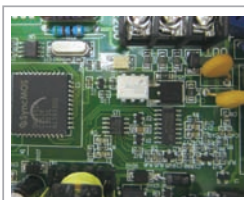
**INDUSTRIAL GRADE**



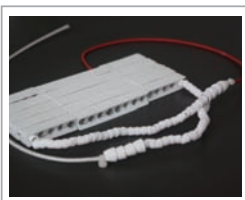
**SS-562B**  
 Digital Lead Free Solder Pot

*Rugged 2mm Titanium Crucible  
 Ceramic heater for quick heat up*

- Crucible is made by titanium board, provides corrosion resistance and prolongs service life. It is best suited for lead-free solder.
- Iron chromium aluminum wire heater with ceramic heater insulated tube, provides excellent thermal stability and longer lifetime.



PID controlled with Temperature compensation

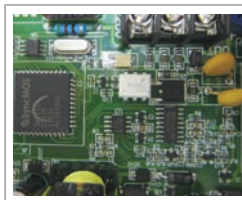


Iron chromium aluminum wire heater with Ceramic heater insulated tube for quick heat up

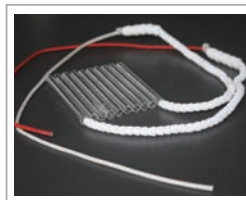
**SS-571B**  
 Digital Preheat platform

*Aluminum alloy platform  
 Infrared heater*

- Platform is made by aluminum alloy, high density and good thermal conductivity.
- Equipped with infrared heaters with ceramic insulated tube for fast, efficient, even heating across the surface of the plated. It features longer lifetime.



PID controlled with Temperature compensation



Infrared heater with ceramic insulated tube

Model No.	SS-562B	SS-571B
Power Consumption	350W	300W
Temperature Range	Room temp. ~550°C	Room temp. ~400°C
Temperature accuracy	±5°C	±5°C
Control system	PID Control	PID Control
Temperature compensation setting	-200~400°C	-200~400°C
Crucible size	Square type 55×55×45 (mm)	100×100×15 (mm)
Crucible material	2.0mm Titanium board	Aluminum alloy
Melting time (temp. 280°C)	Approx. 10 mins	-
solder capacity	1.3Kg	-
Voltage	220V~240V 50/60Hz	220V~240V 50/60Hz
Standard plug	B	
Dimension (LxWxH)	280×145×115 (mm)	280×145×115 (mm)



## ▶ SI-131B 80W Temperature Controller Soldering Iron



- Adjustable electronic closed-loop temperature control from 200°C-450°C.
- Stainless Steel barrel with ventilation hole.
- K type temperature control sensor ensures temperature control accurately and consistent heat.
- Ceramic heating element assuring fast thermal recovery, and requires less energy for efficient heating.
- Long Life soldering Tip for greater efficiency and long service life.

**BEST Value**

**80W**  
**200-450°C**  
**Adjustable**



Product Video



**Adjustable Temperature**



**200-450°C**

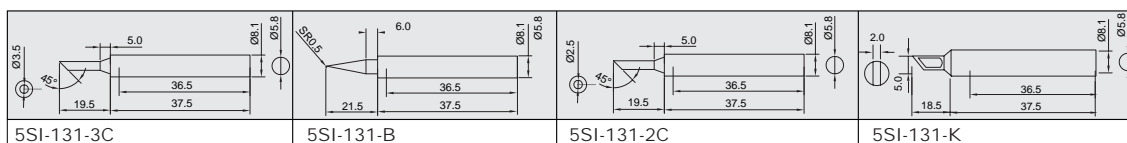
**Ceramic Heater**



Ceramic Heater,  
thermal recovery fast

Built in sensor in heater  
ensures temperature  
control accurately.

**Replacement tip:**



Power Consumption(±10%)	Temperature range(±40%)	Heating element	Standard Plug	Replacement heater	OAL(mm)
80W	200°C~450°C	Ceramic	B	5SI-131-HT	240

## ▶ SS-593A / SS-593B Smoke Absorber





- Remove noxious fumes quickly, safely and efficiently.
- The fan is fully adjustable, quiet, and long service life.
- Portable and desktop design, easy to place and move, low noise and long life service.
- The replaceable filter is made by urethane foam with refined, activated, high absorption carbon.



Replacement filter  
(1 pcs / pack)

**5SS-593-F**

Model No.		Power supply	Power Cord	
SS-593A		110-120V, 60 Hz	 A type, 1.3M	
SS-593B		220-240V, 50 Hz	 B type, 1.3M	
Power Consumption	Capacity	Dimension(mm)	Accessories	Individual packing
23W	1m³/min (max)	220x270x168 (O.D.)	Filter x 2 pcs (Part# 5SS-593-F) size:130x100x10mm	Plain box + Color cable

## SI-130A-15/SI-130A-20/SI-130A-25 SI-130B-15/SI-130B-20/SI-130B-25 Ceramic Soldering Iron



- Made with an efficient ceramic heating element assuring a fast heating time.
- Compact, light weight design with comfortable soft handle reduces operator fatigue.
- Equipped with long life soldering tip for greater efficiency and long service life.
- Stainless steel barrel for better antirust capability.
- Supplied with iron support stand and silicone protection cap for user convenience and safety.

Energy  
Saving  
60%



Product Video

SI-130-15



SI-130-20









SI-130-25

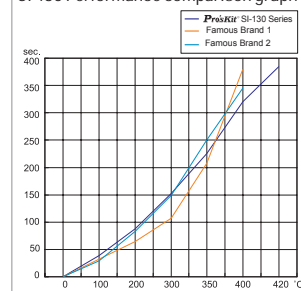


Protection cap



Model No.	Voltage	Consumption	Temperature	Heater	Handle color	Standard plug	OAL.(mm)	Individual packing
SI-130A-15	110-120V	10W	370°C±10%	Ceramic heater	Blue	A 	170	Blister card
SI-130B-15	220-240V					B 		
SI-130A-20	110-120V	12W	410°C±10%		Green	A 		
SI-130B-20	220-240V					B 		
SI-130A-25	110-120V	14W	450°C±5%		Orange	A 		
SI-130B-25	220-240V					B 		

SI-130 Performance comparison graph

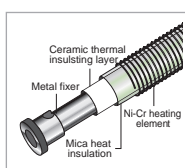


Replacement tips: Please follow up 5SI-216N series soldering tips.(as page.113 )

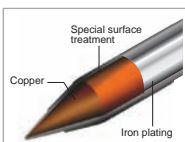
## SI-129B-30/SI-129B-40/SI-129B-60 Soldering Iron



- For working indication, avoid accident.
- For better antirust capability and outlook.
- Design with special dual-construction metal ceramic heater avoid damage.
- For greater efficiency and long service life.
- Comes with PA66 handle for user convenience and safety.



Rugged Heater Construction



Long life tip

30W  
400°C

SI-129B-30



40W  
450°C

SI-129B-40



60W  
500°C

SI-129B-60

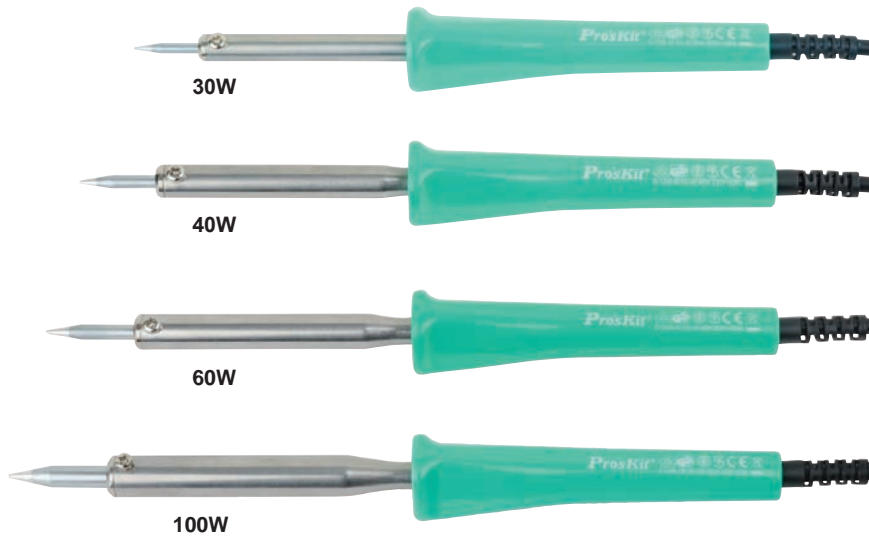


Replacement tip:

30W/40W			
	SI-S120T-4B (Standard)		SI-S120T-4C
	SI-S120T-4SB		SI-S120T-4BC
60W			
	SI-S120T-6B (Standard)		SI-S120T-6C
	SI-S120T-6SB		SI-S120T-6BC

Model No.	Consumption	Temperature	Handle color	Heating element	Standard Plug	OAL.(mm)
SI-129B-30	30W	400°C	Green	Ni-Cr	B	215
SI-129B-40	40W	450°C	Orange			225
SI-129B-60	60W	500°C	Yellow			234

## SI-124B-30/SI-124B-40/SI-124B-60/SI-124B-100 Soldering Iron



### Replacement tips:

Please follow up SI-S120T series soldering tips.(as page.118)

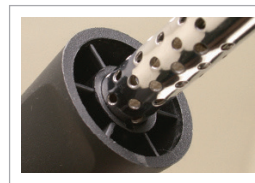
Voltage	Standard plug	Individual packing
230V	B	Blister card

Model No.	Consumption	Temperature	OAL(mm)
SI-124B-30	30W	400°C±10%	225
SI-124B-40	40W	420°C±10%	245
SI-124B-60	60W	450°C±10%	260
SI-124B-100	100W	500°C±10%	275

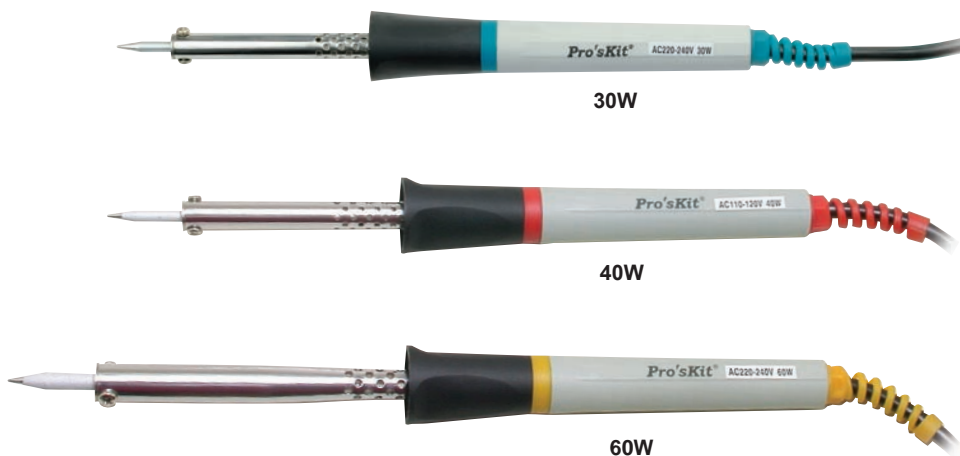
## 8PK-S120NAD/8PK-S120NB/8PK-S120NBD Soldering Iron



- Compact high quality soldering iron, long-life iron-plated tips for greater efficiency, ideal for a wide variety of electronic and electrical work.



Beehive heat sink aperture



### Replacement tip:

#### 30W

	SI-S120T-4B (Standard)
	SI-S120T-4BC
	SI-S120T-4C
	SI-S120T-4SB

• offered by 10 pcs in a bag

#### 40W

	SI-S120T-5B
	SI-S120T-5BC
	SI-S120T-5C
	SI-S120T-5SB

• offered by 10 pcs in a bag

#### 60W

	SI-S120T-6B (Standard)
	SI-S120T-6BC
	SI-S120T-6C
	SI-S120T-6SB

• offered by 5 pcs in a bag

### Note:

8PK-S120 Series 30W/40W replacement tip, please refer to 30W replacement tip.

Model No.	Voltage	Consumption	OAL(mm)	Temperature	Standard plug	Replacement heater	Individual packing
8PK-S120NAD-30	110~120V	30W	250	440°C±10%	E	5PK-S120NA-30H	PVC folding box W/2 pcs tips (B & SB type)
8PK-S120NAD-40		40W	250	480°C±10%		5PK-S120NA-40H	
8PK-S120NAD-60		60W	280	520°C±10%		5PK-S120NA-60H	
8PK-S120NB-30	220~240V	30W	250	440°C±10%	B	5PK-S120NB-30H	PVC folding box
8PK-S120NB-40		40W	250	480°C±10%		5PK-S120NB-40H	
8PK-S120NB-60		60W	280	520°C±10%		5PK-S120NB-60H	
8PK-S120NBD-30		30W	250	440°C±10%		5PK-S120NB-30H	PVC folding box W/2 pcs tips (B & SB type)
8PK-S120NBD-40		40W	250	480°C±10%		5PK-S120NB-40H	
8PK-S120NBD-60		60W	280	520°C±10%		5PK-S120NB-60H	



## SI-125A-20 Mini Soldering Iron



- Specifically for areas that require small size and fine application work.
- Heat up fast but less wattage required.
- Safety stand included.



### Replacement tip:



Voltage	Consumption	Temperature	Heater	Handle color	Standard plug	OAL (mm)	Individual packing
110~120V	20W	410°C±10%	Ceramic heater	Orange	A	168	Blister card

## 8PK-SC116NB Convertible Soldering Iron/Gun



Economic Type

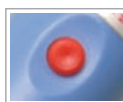


### Replacement tips:

Please follow up 9SC116N series soldering tips. (as page.119)

Voltage	Consumption	Temperature	OAL(mm)	Standard plug	Individual packing
220~240V	20/40 W	400°C±10%	185x110x23	B	Blister card

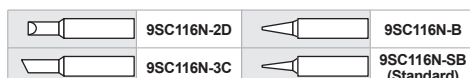
## 1PK-SC109NB Quick-heat Ceramic Soldering Iron



Economic Type



### Replacement tip:



Voltage	Consumption	Temperature	OAL(mm)	Standard plug	Individual packing
220~240V	20/40W	400°C±10%	260x28	B	Blister card

## 8PK-S118A / 8PK-S118B Soldering Iron 8PK-S118A-40 / 8PK-S118B-40



Economic Type



### Replacement tips:

Please follow up 30W SI-S120T-4 series or 40W SI-S120T-5 series soldering tip. (as page.118)

Model No.	Voltage	Consumption	Temperature	OAL(mm)	Standard plug	Individual packing
8PK-S118A	110~120V	30W	400°C±10%	235	A	Blister card
8PK-S118B	220~240V				F	
8PK-S118A-40	110~120V	40W	440°C±10%		A	
8PK-S118B-40	220~240V				F	

## SI-S106A / SI-S106B Convertible Soldering Iron/Gun

- CB** • Converts easily from pen to gun configuration.  
• When not in use handle covers tip for storage protection.



### Replacement tips:

Please follow up 30W SI-S120T-4 series soldering tips. (as page.118)

Model No.	Voltage	Consumption	Temperature	Heater	OAL(mm)	Standard plug	Individual packing
SI-S106A	110~120V	30W	400°C±10%	5SI-S106A-H	187x35x25	E	Blister card
SI-S106B	220~240V			5SI-S106B-H		B	

## SI-B161 Battery Operated Soldering Iron



Time to reach operating temp.	Approx. nos. of solder joints intermittently	Replacement tip
365°F/185°C in 12 seconds	160 joints using new batteries	9SI-B161-T



Length	Battery	Consumption/ Temperature	Individual packing
Outer dimensions (w/o cap) 190 x 38.3 x 21.8 mm	1.5V alkaline AAx3 pcs (not included)	9W (max) 840°F (450°C)	Blister card

## GS-200K Gas Soldering Iron Kit-Auto Ignition



- Adjustable flame control for precision use.
- Butane is easy to refill and check with see-through fuel window.
- Auto ignition is easy to start and operate under any condition.
- The kit includes, blow pen torch, protection cap, soldering head, needle soldering tip, 2.4mm soldering tip, double sharp tip, hot knife tip, hot air blower, polyfoam cutter, tube of solder, tip-cleaning sponge with safety stand and tool rest packed in rugged plastic case.



Hot air for  
SMD reworking



Torching



Soldering

Soldering temperature	Hot blow temperature	Torch temperature	Fuel cap.	Time	Gas soldering size	Case size(mm)	Individual packing
400 °C	500 °C	1300 °C	26 ml	100~120 min	220×Ø 30 mm	252x138x54	Color Box

## 1PK-GS003 / 1PK-GS003N / 1PK-GS300K Portable Gas Soldering Tool Kit Series

- Long lasting quick heat-up catalytic tips.
- Adjustable flame control for precision use.
- Butane is easy to refill and check with see-through fuel window.
- Multi-function for torches, soldering iron and hot blower purpose.
- Optional tips available for different applications.



**1PK-GS003**

Individual packing: Blister Card

### Contents:

Butane power soldering iron soldering tip, protective cap torch head for pin point frame

Model No.	Soldering temperature	Hot blow temperature	Torch temperature	Fuel cap.	Time	Gas soldering size	Case Size(mm)
1PK-GS003	210~400 °C	650 °C	1300 °C	8 ml	80 min	170×Ø24 mm	Non
1PK-GS003N							200x85x48
1PK-GS300K							167x120x47

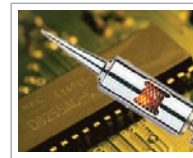


**1PK-GS003N**

### Contents:

Butane power soldering iron soldering tip, protective cap torch head for pin point frame hot blower, tip clean sponge and durable blow carrying case

Individual packing: Color label shrink packing



**1PK-GS300K**

### Contents:

Butane power soldering iron soldering tip, protective cap torch head for pin point frame hot blower, precision tweeze, FP extractor tool, precision side cutter, and durable plastic carrying case

Individual packing: Blister Card

## 5MT-T Series Tip



• For GS-210 / 8SL-2000N / 8PK-101-2



5MT-T-007



5MT-T-008



5MT-T-009



5MT-T-010



5MT-T-005N



5PK-101-2T



5GS-210-H

### Replacement tip:

Model No.	Replacement parts		
5MT-T-005N	Solder head (For 8PK-101-2/8SL-2000N/GS-210)	5MT-T-010	Soldering tip hot knife type (For 8PK-101-2/8SL-2000N/GS-210)
5MT-T-007	Soldering tip needle type (For 8PK-101-2/8SL-2000N/GS-210)	5PK-101-2T	Solder head W/S-2.4mm Tip (For 8PK-101-2/8SL-2000N/GS-210 )
5MT-T-008	Soldering tip 2.4 type (For 8PK-101-2/8SL-2000N/GS-210)	5GS-210-H	Hot Blower (Only for GS-210)
5MT-T-009	Soldering tip double sharp type (For 8PK-101-2/8SL-2000N/GS-210)		

**8SL-2000N****Portable Gas Soldering Tool Kit**

- Quick and easy refill.
- Fingertip adjustable flame control.
- The kit includes, blow pen torch, soldering head, needle soldering tip, 2.4mm soldering tip, double sharp tip, hot knife tip and tip cleaning sponge packed in a durable blow carrying case.
- Multi-function for torches, soldering iron and hot blower purpose.
- High temperature operation ideal for a variety of application.



Soldering temperature	Hot blow temperature	Torch temperature	Fuel cap.	Time	Gas soldering Size	Case size (mm)	Replacement parts
370 °C	500 °C	1300 °C	11 ml	45-60 min	160×Ø23 mm	200x85x48	5MT-T series

Individual packing: Color label shrink packing

**GS-210****Professional Soldering Iron & Gas Torch**

- Butane is easy to refill and check with see-through fuel window.
- Auto ignition is easy to start and operate under any condition.
- Needle soldering tip and soldering head included.
- Adjustable flame control for precision use.

Auto Ignition



Soldering temperature	Hot blow temperature	Torch temperature	Fuel cap.	Time	Gas soldering Size	Replacement parts
370 °C	500 °C	1300 °C	7 ml	30-40 min	170×Ø 24 mm	5MT-T series

Individual packing: Blister Card

**GS-23K****Gas Soldering Iron Kit-Auto Ignition****TÜV**

- Auto ignition for starting and operating easily and safely under any condition.
- Safety ignition switch complies with CPSC standard to prevent children misuse.
- Comes with TR90 high transparent nylon gas tank features long service life and more safety.
- With ceramic heater for long service life.
- Adjustable flame control for precision use.
- Butane is easy to refill and check with see-through fuel window.
- Complete kit in a plastic box meets various of multi-functional operating purpose.

**BEST Value**

Hot blow up to 600°C Torch up to 1300°C Soldering up to 500°C Hanger for easy storage Stand support for convenient work

Soldering temperature	Hot blow temperature	Torch temperature	Fuel cap.	Time	Gas soldering Size	Case size (mm)	Replacement parts
500 °C	600 °C	1300 °C	15 ml	90 min	245×Ø29 mm	300x138x46	GK-67330

Individual packing: Color box

**8PK-101-2 Portable Soldering Tool Kit**

- Quick and easy refill.
- Multi-function for torches, soldering iron and hot blower purpose.
- High temperature operation ideal for a variety of application.



Flammable cotton thread



Soldering temperature	Hot blow temperature	Torch temperature	Fuel cap.	Time	Size	Replacement parts
370 °C	500 °C	1300 °C	6 ml	30-45 min	130×Ø 23 mm	5MT-T series

Individual packing: Blister Card



## ▶ SS-621B Heat Gun with LCD Display



**PROFESSIONAL**



Comes with Mabuchi Motor



Shrinking packaging



Forming plastic

### Features:

- Comes with Mabuchi motor which provides high performance and long service life.
- Adjustable stepless temperature range from 100°C~650°C and 2 position air volume adjustment.
- Smart overheated protection design.
- 20 second automatic cool air flow to prevent accidental burns and to extend life of heating element.
- Electronic air flow and temperature control system maintains constant temperature, perfect for applications requiring consistent application of heat.

Includes 2 nozzles:



Deflector Nozzle:  
82x14mm



Air Reduction Nozzle:  
Ø 17mm



Large LCD display

Voltage	Watt	Temperature	Air volume	Standard plug
240V 50Hz	2000W	I: 100°C ~400°C	I: 200 L/min	B
		II: 100°C ~650°C	II: 500 L/min	

Individual packing: Color box

## ▶ SS-611A / SS-611B Heat Gun Set



Paint and varnish removal

### Features:

- Smart overheat protection design
- Automatic cool air flow to reduce waiting time from overheating shut down while working
- 2 temperature settings from 300°C~500°C for a variety of applications
- Dual color ergonomic grip and lightweight design provides greater comfort
- Includes 4 nozzles and 1 scraping tool with carrying case, easy to carry and store



Included 4 Nozzles + 1 Scraper



Model No.	Voltage	Power	Air volume	Dual temperature range	Case size (mm)	Standard plug
SS-611A	110~120V 60Hz	I-750W II-1500W	I: 280L/min	I-300°C II-500°C	308 x 261 x 85	A
SS-611B	230~240V 50Hz		II: 480L/min			B

Individual packing: Blowing case+ Color sleeve shrink

### ⚠ Caution:

- For safety, after using this product for one hour, please shut-off for 10 minutes to cool down temperature
- If this product is overheating after shut-off, the protection function will be coercively booted and make this appliance off for 10 minutes. To prevent any overheating problem, never put the appliance down on its air outlet nozzle. Always keep its outlet nozzle upward or put it on one of its sides.

## ▶ GK-352F DIY Glue Gun AC 230V 10(20)W



- Mini size design for quick fixing and small job
- Built-in stand for convenient operation
- Provides a fast, easy way to dispense hot melt adhesive
- Including 2pcs  $\varnothing 7.2\text{mm}$  x 100mm glue stick



Voltage	Power	Preheat time	Glue stick	Flow of Glue	Standard Plug
230V	10(20)W	5-7 minutes	$\varnothing 7.2\text{mm}$	6-8g per min	F

Individual packing: Blister card

**BEST Value**



## ▶ GK-389B/GK-390B Professional Hot Melt Glue Gun



- PTC heating system insures outstanding temperature control
- Mechanical feed ensures a continuous glue stream up to 25g adhesive per minutes
- Highly efficient melt chamber gives a fast heat-up time of only a few minutes
- Ideal for professional bonding, such as carpeting or woodworking or home improvement

**80W  
150°C**

Bracket stand for stability while standing

**100W  
170°C (200°C)**  
Auto stand-by and fast heat-up for immediate use.

Heat radiator

Glue gun nozzle

Full-hand lever trigger

LED indicator

Product Video

**GK-390B**

**GK-389B**

Model No.	Input voltage	Power	Melt temperature	Heating element	Preheat time	Flow of glue	Glue stick	Standard plug
GK-389B	110-240V	100W	170°C (200°C)	PTC	2-5 min	15-25g /min	$\varnothing 11\text{mm}$	
GK-390B		80W	150°C		3-6 min	15-20g /min		

Individual packing: Blister Card

## ▶ GK-380A/GK-380B Hot Melt Glue Gun

- Solid state electric glue provides a fast, easy way to dispense hot melt adhesive for hundreds of fastening and repair jobs
- Specially designed feed mechanism, spring-tensioned nozzle and silicone sleeve assure precise control of adhesive flow for neater work



Model No.	Voltage	Power	Preheat time	Flow of glue	Standard plug
GK-380A	120V	30-80W	10 min	14-16g per min	A
GK-380B	230V	15(80)W			F

Individual packing: Double Blister

## ▶ 61103 Glue Stick



## ▶ GK-368 Battery Operated Glue Gun



- Cordless design, free from A/C power cords and dangerous dangling cords
- Convenience LED light allows for work in dark areas
- Closed viewing window for easy glue stick checking, more constant temperature and dust free operation
- Perfect for toys and models, corkboards, DIY projects, school projects, quick repairs around the house, decorations, wood crafts and more



Power	Preheat time	Glue stick	Power source	Running time
7W/6V	3-4 minutes	$\varnothing 7.5\text{mm}$	1.5V AA battery x 4 (not included)	45 minutes (Alkaline type)

Individual packing: Blister card

## ▶ SS-803F Digital Ultrasonic Cleaner



### Features:

- Green cleaning – No harmful chemicals
- To make item cleaning easy and safe by using only tap water
- Use ultrasonic bubbles to break down dirt (46,000Hz)
- Digital operation with 5 cleaning programs
- Use separately-excited circuit to generate steady oscillation
- 15% better cleaning and 10% longer product life than self-excited type

### Specification

Voltage	AC 220-240V 50Hz
Power	50 W
Timer Setting	5 cleaning programs → 180s → 300s → 480s → 90s → 600s
Ultrasonic Frequency	46,000Hz (46 KHz)
Material of Tank	Stainless steel SUS304
Tank Capacity	700ml (Max: 600ml)
Material of Housing	ABS
Gross Weight (G.W.)	1.4Kgs/3.08lb
Weight (N.W.)	1.0Kgs/2.2lb
Dimensions (LxWxH)	228 x 172 x 143mm (9.0"x 6.8"x 5.6")
Accessories: Disk Holder / Watch Stand / Basket	



Individual packing: Color box



Uses plain tap water



Large digital timer display



Ultrasonic frequency: 46,000 Hz



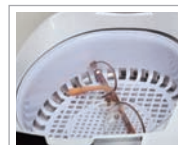
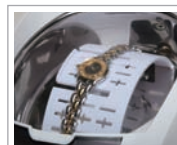
New Circuit



5 cleaning programs



Tank capacity



## ▶ SS-820B Digital Ultrasonic Cleaner



Industrial grade ultrasonic transducer

10% longer product lifetime 15% better cleaning



### Features:

- Large tank particularly designed for professional cleaning
- Industrial grade ultrasonic transducer provides stronger cleaning, highly durability
- 1 to 30-minute full range timer, suitable for many different cleaning applications
- Advanced ceramic heater, safe and efficient
- Cooling device improves heat dissipation for prolonged operation
- Overheat protector prevents overheating and effectively prolongs the product life
- Heater automatically shuts off after 45 minutes to ensure safety
- Degas feature dissolves the solution quickly

### Specification

Voltage	AC 220-240V 50Hz
Power	160 W
Timer Setting	1 to 30-minute full range time
Ultrasonic Frequency	35,000Hz (35 KHz)
Material of Tank	Stainless steel SUS304
Tank Capacity	2000ml (Max: 1700ml, Min: 550ml)
Material of Housing	ABS
Gross Weight (G.W.)	2.9 kg / 6.4lb
Weight (N.W.)	2.2 kg / 4.9lb
Dimensions (LxWxH)	265x230x180 mm (10.4" x 9.1" x 7.1")
Accessories: Basket	



Individual packing: Color box



Uses plain tap water



stainless steel tank - 2000ml



1 to 30-minute full range timer



Ultrasonic frequency: 35,000 Hz



Degas feature



Heater



Industrial IC



Control panel



Cooling fan and moisture-proofed PCB



## 8PK-366NA / 8PK-366N-B / 8PK-366N-G

8PK-366NA



8PK-366N-B



8PK-366N-G



Model No.	Material	Suction Capability	OAL.(mm)	Individual packing
8PK-366NA	ABS	30cm-Hg	205	Blister card
8PK-366N-B				
8PK-366N-G				



## 8PK-366N-O / 8PK-366N-S / 8PK-366N-Y

8PK-366N-O



8PK-366N-S



8PK-366N-Y



Model No.	Material	Suction Capability	OAL.(mm)	Individual packing
8PK-366N-O	ABS	30cm-Hg	205	Blister card
8PK-366N-S		35cm-Hg		
8PK-366N-Y		30cm-Hg		



## Desoldering Pump

- Piston with double oil seals: no air leakage guarantee
- Anti-rust lasting spring and easy replaceable tip
- Special cushion structure decreases 40% of the back attack force


**BEST Value**


Piston with double O-rings  
suction capability:  
32cm-Hg

Transparent tube  
to easily check  
the residues



Product Video



Piston with double O-rings  
avoids air leakage



Detachable pump is simple  
to clear solder residues



Transparent tube is easy  
to check solder residue

## 8PK-366D



508-366D-T

## 908-366A



508-366A-T

## DP-366C



508-366C-T

## DP-366D



5DP-366D-T

## DP-366J



5DP-366J-T

## DP-366P



5DP-366P-T

Model No.	Material	Suction Capability	OAL.(mm)	Individual packing
8PK-366D	Aluminum	30cm-Hg	163	Blister card
908-366A	Aluminum	32cm-Hg	195	Blister card
DP-366C	ABS	34cm-Hg	195	Blister card
DP-366D	ABS	32cm-Hg	210	Blister card
DP-366P	ABS	40cm-Hg	330	Blister card
DP-366J	PC	32cm-Hg	210	Blister card

## ▶ 1PK-362DH Soldering Tool Stand



- A very useful piece of apparatus which allows PCB or any delicate work to be held in position by means of two large crocodile clips.
- Enables user to keep both hands free for positioning, soldering and assembling.
- Bottom: Anti-slip design
- Magnifier: 6D(2.5X)

TAIWAN PATENT NO.181042

Individual packing: Color box

## ▶ 1PK-362D Soldering Tool Stand

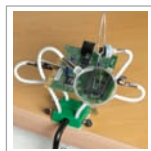


- Heavy non-sliding, charring plastic bases with sponge and cleaning dish.
- Durable spring holder provides sufficient airflow to rapidly dissipate heat.
- K-D type designed and you can fix the holder within 1 second at 3 different angle.
- Bottom: Anti-slip design

TAIWAN PATENT NO.181042

Individual packing: Blister card

## ▶ SN-394 Helping Hands Octopus Clamp Kit



Multi function

- Maximum thickness of table or bench edge: 1.5"(40mm)
- Including magnifier arm x1, magnet arm x1, stayput arms x4

Individual packing: Blister card

## ▶ SN-392 Helping Hands



- The practical helper for soldering work for electronics and model-making.
- Holding clamps adjustable in many ways, complete with magnifying glass Ø 3.5"(90mm), magnification:2X.
- Sturdy stand.

Individual packing: Color box

## ▶ Helping Hands

608-391A



608-391E



608-391B



Model No.	Material			Magnification	Base OAL(mm)	Individual packing
	Magnifier	Arm	Base			
608-391A	Acrylic	Low carbon steel	Cast-iron	Ø 50mm 6D(2.5X)	54x54x57	Color box
608-391E	Glass			Ø 64mm 6D(2.5X)	54x54x32	
608-391B	Non			Non	54x54x57	

**8PK-362 Soldering Stand**

Individual packing: Color box

**8PK-362A Soldering Stand**

Individual packing: Color box

**8PK-362S Mini Soldering Stand**

- 2 position iron holder stand
- Built-in sponge tray

Individual packing: Color box( 2pcs / pack)

**6S-2 SN-002 Soldering Stand**

Model No.	Individual packing
6S-2	Color box
SN-002	Blister card

**8PK-033ST Solder Reel Stand**

- Shaft diameter: 15mm
- Holds up to 1kg roll of solder wire.
- Keep benches neat and draw out solder wire smoothly.
- Dimensions: 86(W)x14(H)x78(D)mm

Individual packing: Color box  
(Solder not included)**SH-1025 SH-1025-B Soldering Tip Cleaner Replacement Tip Cleaner**

- No water necessary.
- Anti-slip pad.
- Made of low abrasives brass shavings.
- Cleans better than conventional sponges.
- No temperature drop as in conventional sponges.



Model No.	Description	Spec	Individual packing
SH-1025	#62 copper cleaner with iron base	ø83 x 27mm	Blister card
SH-1025-B	#62 copper cleaner	25g x 5 pcs	Hanger (5 pcs/pack)

**SH-4020 Soldering Iron Box**TAIWAN PATENT NO.196898  
CHINA PATENT ZL02216670.X

Material	OAL (mm)	Individual packing
Iron	273x78x43	Color sleeve

Demo only

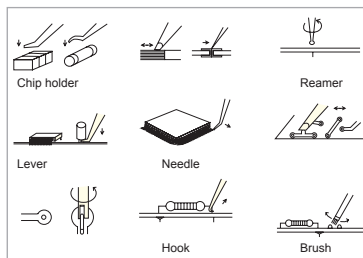


## 1PK-3616 Solder Aid Tools



- This kit contains specialized tools you need for soldering: Assisting rods for P.C.board soldering work.

Individual packing: Blister card

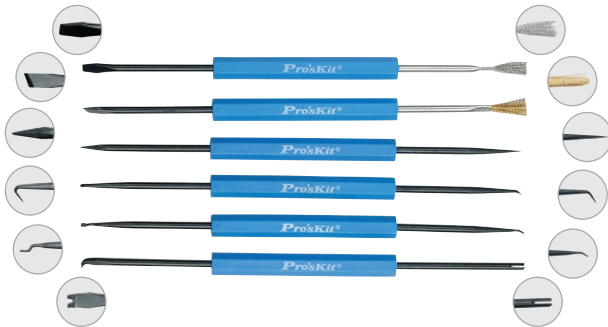


## DP-3616 Solder Aid Tools



- This kit contains specialized tools you need for soldering: Assisting rods for P.C.board soldering work.

Individual packing: Blister card



## SH-4017 Soldering Aid Kit



- Quick-bend function 0.5"/0.6"/0.7" pitch (5/6/7-hole)
- 30° incline design
- The heat sink: Help doing wire layout with improve work smart and efficient

Individual packing: Blister card



Dissipate hot



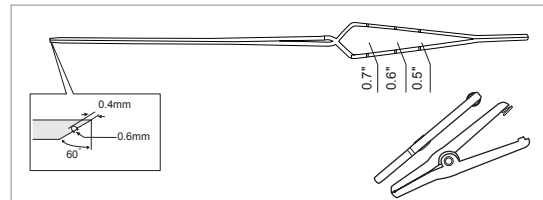
Hold



Quick-bend



Crush

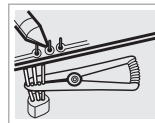


## 108-361 Solder Aid Tools



- This kit contains specialized tools you need for soldering: a heat sink to protect your heat-sensitive devices, knife and brush, scraper and hook, fork and spike.

Individual packing: Blister card



## 1PK-H074/9H084/9H-085/9H-086 Solder Aid Tools



Needle

Hook

Scrape



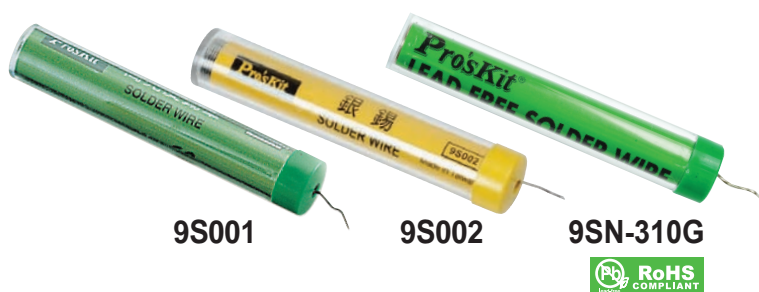
Model No	Material	O.A.L (mm)	Individual packing
1PK-H074	Nylon+Fiber	150	Blister card
9H084		155	
9H085		140	
9H086		173	

## 8PK-033 Series Solder

Model No.	Weight(g)	Ingredients	Dia(mm)	Model No.	Weight(g)	Ingredients	Dia(mm)
8PK-033D	100	63% Sn	0.8	8PK-033P	500	63% Sn	0.8
8PK-033DD	100	2% Ag	0.8	8PK-033PD	500	2% Ag	0.8
8PK-033DDS	100	2% Ag	0.6	8PK-033PDS	500	2% Ag	0.6
8PK-033DS	100	63% Sn	0.6	8PK-033PS	500	63% Sn	0.6
8PK-033E	100	63% Sn	1.0	8PK-033Q	500	63% Sn	1.0
8PK-033ED	100	2% Ag	1.0	8PK-033QD	500	2% Ag	1.0
8PK-033F	100	63% Sn	1.2	8PK-033R	500	63% Sn	1.2
8PK-033FD	100	2% Ag	1.2	8PK-033RD	500	2% Ag	1.2
8PK-033J	250	63% Sn	0.8				
8PK-033JD	250	2% Ag	0.8				
8PK-033JDS	250	2% Ag	0.6				
8PK-033JS	250	63% Sn	0.6				
8PK-033K	250	63% Sn	1.0				
8PK-033KD	250	2% Ag	1.0				
8PK-033L	250	63% Sn	1.2				
8PK-033LD	250	2% Ag	1.2				



## 9S001/9S002/9SN-310G Solder



9S001

9S002

9SN-310G



Model No.	Weight(g)	Ingredients	Dia (mm)	Individual packing
9S001	17	63% Sn	1.0	Inner box
9S002	17	2% Ag	0.8	Inner box
9SN-310G	15	Sn 99.3% , Cu0.7%	1.0	Inner box

## 8S005 Solder Paste



- Composed of metal powder activated flux and blending agents.
- The paste has a good diffusion and non-corrosion.
- No spot appears in non-soldered area.

Individual packing: Ploy bag



## 8PK-031A/8PK-031B/ 8PK-031C/DP-032B Desoldering Wick



- High quality desoldering braid with unique no clean flux.
- Pure oxygen-free copper wire.



8PK-031A



8PK-031B



8PK-031C

**BEST Value**



- With dust free cover
- 2mm x 30M

DP-032B

Model No.	Width(mm)	Length(M)	Individual packing
8PK-031A	1.5	1.5	Inner box
8PK-031B	2.0	1.5	Inner box
8PK-031C	2.5	1.5	Inner box
DP-032B	2.0	30	Blister Card