



# SOLDERING/ASSEMBLY



[www.eclipsetools.com](http://www.eclipsetools.com)

## Mini-Soldering Station



- Precision temperature control: ~330 °C (~626 °F)
- Super slim, pen-like style for greater control and visibility
- Specially designed for repairs to cell phones and PC boards
- Conductive soldering stand
- Dual voltage AC 110/220V

Description	Part No.
Mini-Soldering Station, 4-14 Watt Variable	900-259
Replacement Tip	900-245

## 50W Soldering Station



- Temperature range = 470 °F~900 °F
- 3 Pin power plug
- Quick start allows rapid heating
- Anti-bacteria silicone handle
- Ceramic heater

Description	Part No.
50W Soldering Station	900-066N
Replacement Tip (Pencil Type)	900-073N
Replacement Tip (Chisel Type)	900-074N

## 20W-40W Soldering Station

- 20W-40W switchable solder station
- UL approved
- Comes with pencil tip



Description	Part No.
20W-40W Soldering Station	900-035
Replacement Tip (Chisel Type)	900-036
Replacement Tip (Pencil Type)	900-146

## Lead-Free Soldering Station

- Three power consumption options (50W/65W/90W)
- Rapid heat-up and temperature stability
- Touch preheating and sensor in tip
- temperature stability
- Separate tip and heater design to reduce replacement cost
- Heavy duty soldering station
- Auto shut-off function
- ESD safe



### • Replacement Heater:

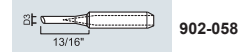


902-056

### • Replacement Tip:



902-057



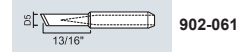
902-058



902-059

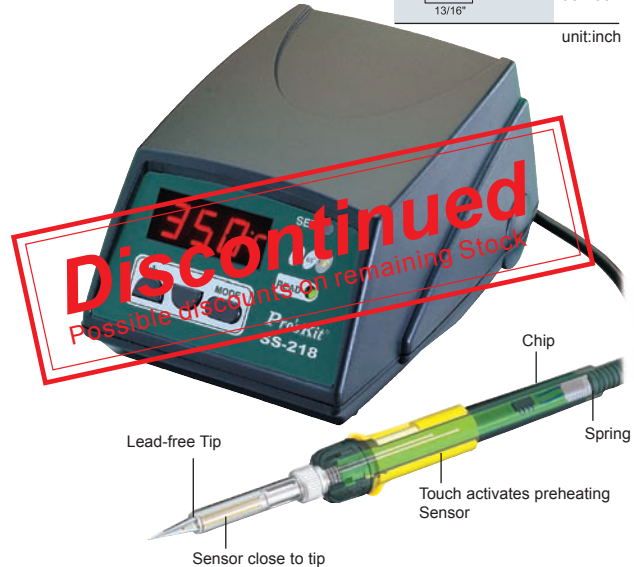


902-060



902-061

unit:inch



Part No.	902-055
Input Voltage/Frequency	AC100~120V, 50/60Hz
Output Voltage/Frequency	AC24V 2~3.5A 60Hz
Temperature Range	200~500
Temperature Stability (no Load)	±2 °C (±36 °F)
Power Consumption (optional)	50/65/90W
Temperature Rise Time	43/38/30sec (50/65/90W) 25~350 °C
Temperature Drop	25 °C (77 °F)
Heating Mode	CPU
Auto Power Off	Yes (Not in use for 30 minutes) Yes (abnormal operation for 80 seconds)
Temperature Display	LED
ESD Housing	ABS & PC
Outer Dimensions	165X125X85mm
Weight	1.5Kg
Standard Plug	E
Power Consumption	90W AC24V
Heater and Tips	Separate
Touch Sensor for Preheating	Yes (3~5 °C in 3 sec.)
Heating Theory	Resistor
Tip to Ground Resistance	Under 2Ω
Tip to Ground Potential	Under 2mV
Total Length (W/O cord)	189mm
Cord (with Soldering Iron)	1.5M
Weight (W/O cord)	42g
Weight	420g
Replacement Heater	902-056

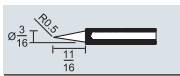
## Soldering Station

• Replacement Heater:

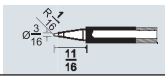


**902-173**

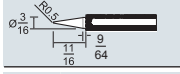
• Replacement Tip:



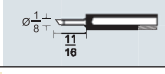
**902-127**  
Sales unit: 5pcs/Bag



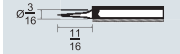
**902-130**  
Sales unit: 5pcs/Bag



**902-128**  
Sales unit: 5pcs/Bag



**902-131**  
Sales unit: 5pcs/Bag



**902-129 (Standard)**  
Sales unit: 5pcs/Bag

unit:inch



LED display

Economic Type



**902-091**

Digital display

Economic Type



**902-092**

Description	Voltage (v)	Consumption	Temperature	Replacement Heater	Station Size	Weight (g)	Part No.
Soldering Station	110~120	48 (W)	150~420°C	902-173	170(L)	2000	902-091
			160~480°C		116(W)		96(H)

## Temperature Controlled Soldering Station

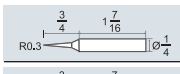
Description	Voltage (v)	Consumption	Temperature	Replacement Heater	Station Size	Weight (g)	Part No.
Temperature Controlled Soldering Station	110~120	50 (W)	250~480°C	902-174	175(L) 103(W) 90(H)	1100	902-093

• Replacement Heater:

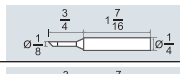


**902-174**

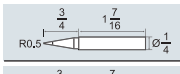
• Replacement Tip:



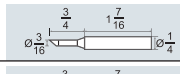
**900-073N**



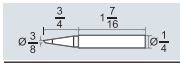
**902-134**



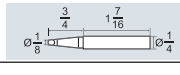
**902-132 (Standard)**



**902-135**



**902-133**



**900-074N**

unit:inch



## Cordless Soldering Iron



- Heats and cools very rapidly.
- 3 "AA" Batteries not included.

Description	Part No.
Cordless Soldering Iron	<b>902-047N</b>
Replacement Tip	<b>902-047TN</b>

## 15W Soldering Iron



Description	Part No.
15 Watt	<b>900-044</b>
Replacement Tip (Pencil Type)	<b>900-050</b>

## 30W Soldering Iron



- 3-Way iron
- Cap screws on tip to allow hot storage
- Pencil/Pistol styles with cap placement

Description	Part No.
30 Watt	900-018N
Replacement Tip (Pencil Type)	900-020N

## Soldering Gun



Allows soldering in seconds without long wait for tip to heat. Use low heat when working near sensitive parts and to lengthen tip life. High heat is instantly available when needed. Trigger switch turns gun on and off. 140/100Watt 120V AC

Description	Part No.
Soldering Gun	900-207
Replacement Tips	900-241

## Digital Ultrasonic Cleaner

- Tightened lid design for effective noise reduction
- Improved products durability and safety by water resistance capability enhancement
- Cleans discs such as CDs, VCDs, DVDs, etc.
- Use only plain tap water to clean
- Remove dirt effectively; results can be seen with bare eyes!
- Clean articles to shine just like new



Item Number	902-187	Power Supply	AC 110~120V 50/60Hz
Dimensions	8.3x6.2x4.9 inch	Power	35W (110V)
Tank Size	750ml	Timer Setting	5 CYCLES: 180s, 280s, 380s, 480s, 90s
Standard Plug	A	Weight	2.2 lbs

## Butane Torch



- Dose not contain Butane
- Can be refilled by standard butane can
- Uses a standard type lighter refill

Description	Part No.
Butane Torch	900-227

## Flux Bottle



- i.d=0.6mm o.d=0.9mm

Description	Part No.
Flux Bottle (2 pack)	900-230

## Liquid Dispenser Bottles



Item #: 900-253 Item #: 900-252 Item #: 900-251

- Polyethylene bottles are not chemically reactive
- Purity pump to prevent backwash of contaminants into container

Description	Part No.
Bottle - 4oz/114ml	900-251
Bottle - 6oz/170ml	900-252
Bottle - 8oz/227ml	900-253



### Blow Brush



• Ideal for blowing out hard-to-reach areas.

Description	Part No.
Blow Brush	900-254

### Solder Aid Tools



Description	Part No.
Solder Aid Tools	900-250

### 6 PC Soldering Aid Set



• 6 Double-ended picks and brushes

Description	Part No.
6 PC Soldering Aid Set	900-100

### Desoldering Tools



Item #: 900-001N  
**Desoldering Pump**

- Larger design
- High suction force
- Exposed plunger



Item #: 900-006N



Item #: 900-003  
**Mini Desolder Pump**

- Smaller design
- Protective shield around plunger



Item #: 900-007



Item #: 900-004  
**ESD Mini-desolder Pump**

- Smaller design
- Metallic, ESD protective
- Conductive tip



Item #: 900-008



Item #: 900-161  
**Mini Desolder Pump**

- Compact version of our popular 900-001N
- Replacement tips available



Item #: 900-175

Description	Part No.
Desoldering Pump	900-001N
Mini Desolder Pump	900-003
Mini Desolder Pump	900-004
Mini Desolder Pump	900-161
Replacement Tip for 900-001	900-006N
Replacement Tip for 900-003	900-007
Replacement Tip for 900-004	900-008
Replacement Tip for 900-161	900-175

## Vacuum Pick-up Tool

### Function:

- The hand-held SMD vacuum pick up tool is ideal for picking up and moving large or small electronic components.
- Lightweight, portable and suitable for picking and placing small components with weight to up 50 grams and having a flat surface, dilly packages and surface mount components, etc. And its new high-power probes have longer holding action.



Description	Part No.
Vacuum Pick-up Tool	902-115

## Vacuum Pick-Up Tool



- Ideal for picking and placing surface mount devices (SMD's)

Description	Part No.
Vacuum Pick-Up Tool	900-238

## Mini Soldering Stand (2PCS/PACK)



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

Description	Part No.
Mini Soldering Stand (2PCS/PACK)	902-095

## Helping Hands Octopus Clamp Kit



Description	Part No.
Helping Hands Octopus Clamp Kit	902-227

## 5"/6" Straight and Curved Forceps



- Hemostat locking design
- Serrated jaws
- Insulated handles

Description	Part No.
5" Straight Forceps (insulated)	900-058
5" Curved Forceps (insulated)	900-059
6" Straight Forceps (insulated)	900-181
6" Curved Forceps (insulated)	900-222

## Ionized Air Blowers (AC 110V/60HZ )

### Features:

- Compact, lightweight, and quiet; ideal for field use.
- Adjustable airflow output for greater worker comfort.
- True laminar flow reducing ion recombination and emitter contamination.
- Easy cleaning and replaceable blower.

Voltage	AC 110V 60 HZ
Current	≤0.25Amp(AC110V)
Air Volume output	Fan speed Flow 20~110CFM
Air Flow characteristics	16"x24" Area Coverage
Operating Temperature	32°F(0°C)~122°F(50°C)
Enclosure	Stainless steel
Finish	Powder Coat
Size	10"x7"x4"
Ion Balance (offset voltage)	0V+/-10V
Weight (lbs)	1.56
Individual Packing	Color Box



Description	Part No.
Ionized Air Blowers (AC 110V/60HZ )	902-107

## Solder Tip Cleaner



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

Description	Part No.
Solder Tip Cleaner	900-242
Solder Tip Cleaner- 5 pk refill	900-243

### Helping Hands

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



Description	Magnification	Part No.
Helping Hands	2X	902-094

### Soldering Stand w/Solder Reel Holder

- Holds standard soldering iron
- Sponge for cleaning tip
- Holds roll of solder for easy, one-handed dispensing
- Heavy weighted base keeps unit stable



Description	Part No.
Soldering Stand w/Solder Reel Holder	900-099

### Helping Hands Soldering Aid

- Magnifying Lens
- Soldering Iron Holder
- Sponge



Description	Part No.
Helping Hands Soldering Aid	900-206

### Soldering Tool Stand

- Holds up to two soldering irons
- All holders adjustable for maximum comfort



Description	Part No.
Soldering Tool Stand	900-101

### Solder Iron Stand

- Small stand for holding soldering iron
- Comes with a sponge



Description	Part No.
Solder Iron Stand	900-016

### "Helping Hands" Soldering Aid

- "Helping Hands" Soldering Aid
- Table top, weighted base
- Multi-dimensional adjustment capability
- Alligator style clips for holding subject work



Description	Part No.
Without Magnifier	900-015
With Magnifier	900-037



## Mini - Vacuum Cleaner



• 3 "AA" batteries, not included

Description	Part No.
Mini - Vacuum Kit	900-270

## Breadboard Accessory



- 70pcs of 22 AWG solid wires
- Variety of colors
- 14 lengths x 5pcs each
- Pre-cut, Pre Stripped and Pre-formed on each end.
- Completely Reusable
- (2,5,7,10,12,15,17,20,22,25,50,75,100 and 125mm)

Description	Part No.
Breadboard Accessory - 70 pcs/set	900-271

## Breadboard Accessory



- 350pcs of 22 AWG solid wires
- Variety of colors
- 14 lengths x 25pcs each
- Pre-cut, Pre Stripped and Pre-formed on each end.
- Completely Reusable
- (2,5,7,10,12,15,17,20,22,25,50,75,100 and 125mm)

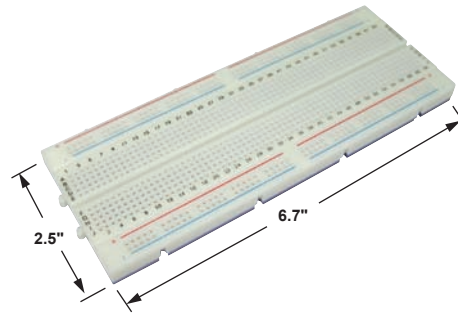
Description	Part No.
Breadboard Accessory - 350 pcs/set	900-272

## Breadboards

Item #: 900-247

### 840 tie points

- Expandable by combining several boards together to meet your different requirement



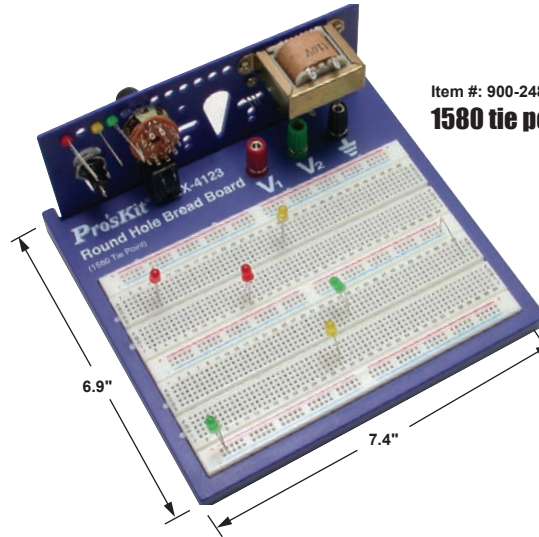
Excellent expandability



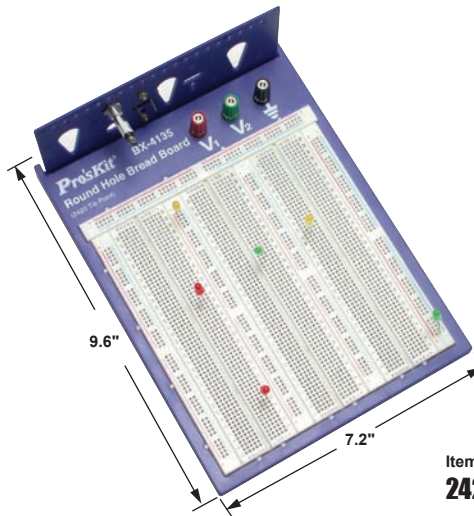
Friendly graduations

Item #: 900-248

### 1580 tie points



Edge plate can easy fold up



Item #: 900-249

### 2420 tie points

- Round hole designed for easy plug and pull
- Waterproof material made of ABS & phosphor bronze with good flexibility and electric conductivity

Description	Application	Part No.
Round Hole Breadboard	840 tie points	900-247
Round Hole Breadboard	1580 tie points	900-248
Round Hole Breadboard	2420 tie points	900-249