



SOLDERING/ASSEMBLY



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:

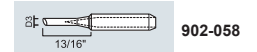


902-056

• Replacement Tip:



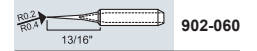
902-057



902-058



902-059

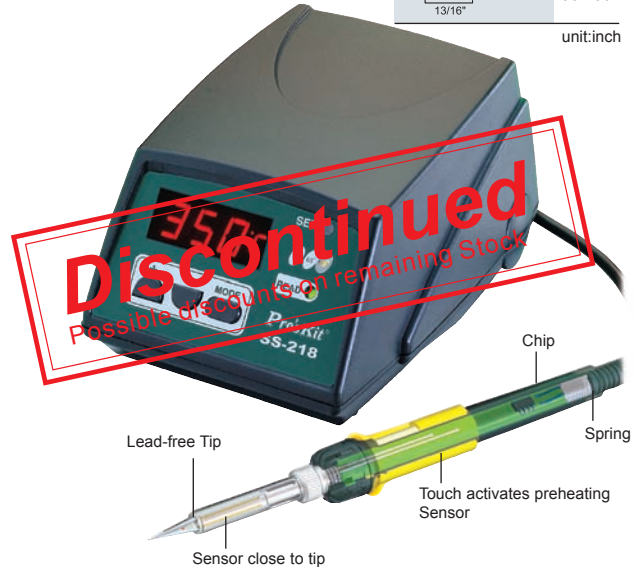


902-060



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 |

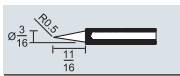
Soldering Station

• Replacement Heater:

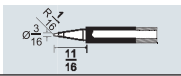


902-173

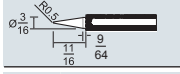
• Replacement Tip:



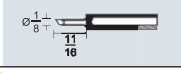
902-127
Sales unit: 5pcs/Bag



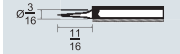
902-130
Sales unit: 5pcs/Bag



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

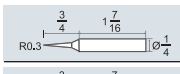
| Description | Voltage (v) | Consumption | Temperature | Replacement Heater | Station Size | Weight (g) | Part No. |
|--|-------------|-------------|-------------|--------------------|---------------------------|------------|----------|
| Temperature Controlled Soldering Station | 110~120 | 50 (W) |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

• Replacement Heater:

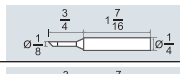


902-174

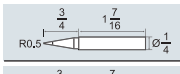
• Replacement Tip:



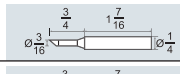
900-073N



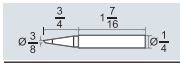
902-134



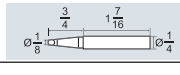
902-132 (Standard)



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 | 902-047N |
| Replacement Tip | 902-047TN |

15W Soldering Iron



| Description | Part No. |
|-------------------------------|----------------|
| 15 Watt | 900-044 |
| Replacement Tip (Pencil Type) | 900-050 |

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)

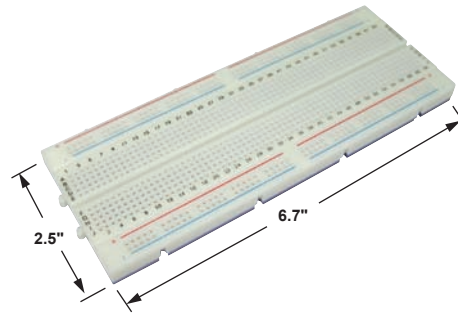
| Description | Part No. |
|------------------------------------|----------|
| Breadboard Accessory - 350 pcs/set | 900-272 |

Breadboards

Item #: 900-247

840 tie points

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



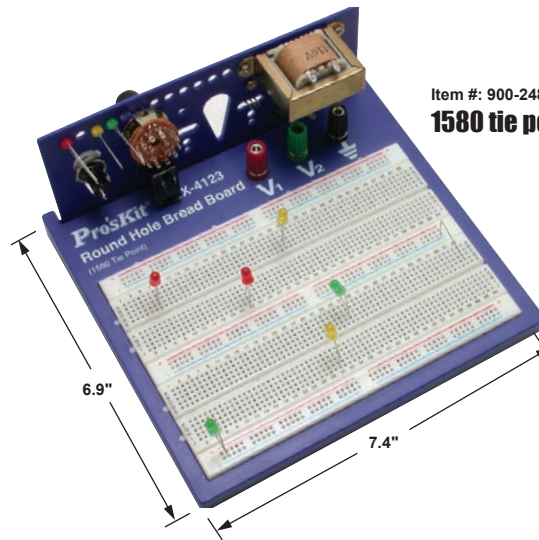
Excellent expandability



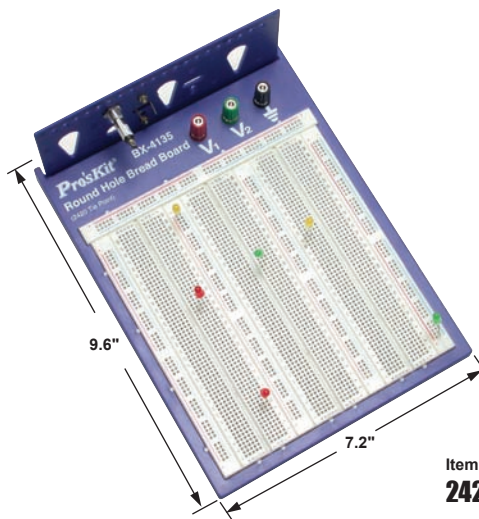
Friendly graduations

Item #: 900-248

1580 tie points



Edge plate can easily 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 |