

# Weller® Soldering Table of Contents

Founded in 1945, Weller® has become the world's leading supplier of professional quality soldering equipment, including the famous Weller® temperature controlled irons and soldering guns. Weller® also makes advanced soldering and desoldering stations, SMT equipment and irons for sophisticated industrial requirements, plus a series of handy soldering kits for home craftsmen, hobbyists and light industry.

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THE SELECTION YOU WANT

## Product Usage Matrix

|                 | Production Soldering | MRO & Service | Desoldering | Rework | Hot Air | SMT | ESD | Test | Dispensing | Cordless | Lockout | Fume Removal | Hobbyist |
|-----------------|----------------------|---------------|-------------|--------|---------|-----|-----|------|------------|----------|---------|--------------|----------|
| 7200PK/8200(PK) |                      |               |             |        |         |     |     |      |            |          |         |              | X        |
| C1C/P1/PSI100   |                      | X             |             |        |         |     |     |      |            | X        |         |              | X        |
| D550(PK)        |                      | X             |             |        |         |     |     |      |            |          |         |              | X        |
| DEC1001         | X                    | X             |             |        |         | X   | X   |      |            |          |         |              |          |
| DS600           |                      |               | X           |        |         |     |     |      |            |          |         |              |          |
| DS700M          |                      | X             | X           |        |         |     |     |      |            |          |         |              |          |
| DS800           |                      |               | X           |        |         |     | X   |      |            |          |         |              |          |
| DTL1000         | X                    |               |             |        |         | X   | X   |      |            |          |         |              |          |
| EC1002          | X                    |               |             |        |         | X   | X   |      |            |          |         |              |          |
| EC10021FE       | X                    |               |             |        |         | X   | X   |      |            |          |         | X            |          |
| EC2002M         | X                    |               |             |        |         | X   | X   |      |            |          | X       |              |          |
| EC2002M1FE      | X                    |               |             |        |         | X   | X   |      |            |          | X       | X            |          |
| MT1500          | X                    |               |             |        |         | X   | X   |      |            |          |         |              |          |
| MT1500L         | X                    |               |             |        |         | X   | X   |      |            |          | X       |              |          |
| SCD100          |                      | X             | X           |        |         |     |     |      |            |          |         |              |          |
| WA2000          |                      |               |             |        |         |     |     | X    |            |          |         |              |          |
| WAD100          | X                    |               |             | X      | X       | X   | X   |      |            |          |         |              |          |
| WDD80V          |                      |               | X           |        |         | X   | X   |      |            |          |         |              |          |
| WES50           | X                    |               |             |        |         | X   | X   |      |            |          | X       |              |          |
| WFE2P/WFE20     |                      |               |             |        |         |     | X   |      |            |          |         | X            |          |
| WHA SYSTEMS     |                      |               | X           | X      | X       | X   | X   |      |            |          |         |              |          |
| WLC100/WLC200   |                      |               |             |        |         |     |     |      |            |          |         |              | X        |
| WPA2/WST2/WSTA6 |                      | X             |             |        |         |     |     |      |            | X        |         |              |          |
| WQB2000         |                      |               | X           | X      | X       | X   | X   |      |            |          |         |              |          |
| WRS1001         | X                    |               | X           | X      | X       | X   | X   |      |            |          |         |              |          |
| WRS2000         |                      |               | X           | X      | X       | X   | X   |      | X          |          |         |              |          |
| WRS3000/S/ST    | X                    |               | X           | X      | X       | X   | X   |      |            |          | X       |              |          |
| WRS4000         | X                    |               | X           | X      | X       | X   | X   |      |            |          |         |              |          |
| WRS5000         | X                    |               | X           | X      | X       | X   | X   |      | X          |          |         |              |          |
| WRS7000         | X                    |               | X           | X      | X       | X   | X   |      | X          |          |         |              |          |
| WRS80           |                      |               | X           | X      |         | X   | X   |      |            |          |         |              |          |
| WS80            | X                    |               |             | X      |         | X   | X   |      |            |          |         |              |          |
| WSD80/WSD130    | X                    |               |             | X      |         | X   | X   |      |            |          | X       |              |          |
| WTCPT           | X                    | X             |             |        |         | X   | X   |      |            |          | X       |              |          |
| WTCPTFE         | X                    | X             |             |        |         | X   | X   |      |            |          | X       | X            |          |
| WTL1000         | X                    |               |             |        |         | X   | X   |      |            |          | X       |              |          |

## MT1500, MT1500L



## Features &amp; Benefits

- Unconditional 5 year warranty on station and hand piece to guarantee your complete satisfaction
- Immediate, accurate tip temperature for faster soldering (heats up to set temperature in just 3 seconds using MT202 tip)
- Quick tip change system requires no tools, saves you time and money
- Over 50 tip styles available - gives you ultimate flexibility
- Touch feature extends tip life - reduces operating costs
- Superior thermal capacity - improves performance in all applications
- Immediate response to thermal loads - increases productivity
- Adjustable temperature control with digital display - allows you to control your processes (MT1500 only)
- Three operating modes increases flexibility:
  - Continuous - tip stays at set temperature until turned off
  - Idle - station automatically sets back the temperature to 400°F after 1 minute of being idle
  - Touch Mode - station automatically powers the tool down upon release of handle and almost instantly adjusts to desired temperature when handle is touched again
- Lockout model (MT1500L) employs temperature lockout keys for process control (600°F, 700°F, and 800°F)
- Irons fitted with non-burnable silicon rubber cord - prevents cord from being compromised for your protection
- MT Series tips listed on pages 106, 107
- UL and cUL listed

| Station                  | MT1500/MT1500L                                                 | Iron                     | MT1501                |
|--------------------------|----------------------------------------------------------------|--------------------------|-----------------------|
| Input Voltage            | 120v                                                           | Heating Element Type     |                       |
| Output Voltage           | 24v/12v/6v**                                                   | Heating Element Type     | Thermocouple Design** |
| Power Consumption        | 150W                                                           | Length (w/o cord or tip) | 4.75 In.              |
| Temperature Range        | 400°F - 850°F (204°C - 454°C)                                  | Iron Cord Length         | 4 ft. (1.22 m)        |
| Footprint                | 6-5/8"W x 8-1/8"D x 3-7/8"H<br>(16.8cm W x 20.6cm D x 9.8cm H) | ESD Safe                 | Yes                   |
| Weight (Power unit only) | 8.2 lb./3.72 Kg                                                | Standard Tip             | Tip not included      |
| Temperature Accuracy     | Calibrateable to +/- 9°F(+/-5°C)                               | Iron Stand               | MT1502                |
| Temperature Stability    | +/-10°F (6°C)                                                  |                          |                       |
| ESD Safe                 | Yes                                                            |                          |                       |

\*\*Tip Specific

| Cat. No. | UPC No.      | Description                                        | Pack Wt. |      | Shelf Pack |
|----------|--------------|----------------------------------------------------|----------|------|------------|
|          |              |                                                    | lb       | kg   |            |
| MT1500   | 037103108883 | Microtouch station, 120V, no tip                   | 7.4      | 3.36 | 1          |
| MT1500L  | 037103127761 | Microtouch station, 120V, no tip, operator lockout | 7.4      | 3.36 | 1          |
| MT1501   | 037103124005 | Replacement iron, no tip                           | 0.3      | 0.14 | 1          |
| Δ MT1502 | 037103150400 | Iron stand and TC205 sponge                        | 1.1      | 0.50 | 1          |
| MT1500D  | 037103110794 | Microtouch station, 230V, no tip                   | 7.4      | 3.36 | 1          |

Δ Made to order, contact customer service for delivery.

# WS80/WSD80/WSD130

## Features & Benefits

- You experience immediate heat from the combination of a unique silver heating element and tip configuration - allows faster more efficient soldering
- 80 watts of controlled power allows you to work on high-mass components and boards
- Most Weller accessories up to 80 watts may be connected to the power base - gives you added flexibility
- WSD130 dual station allows you to combine up to two 80w irons or other Weller accessories giving you two high performance stations in one
- Automatic tool recognition means you don't need to change settings when using different Weller accessories
- Fast recovery and minimal temperature loss when making fast connections makes this station perfect for continuous production soldering
- Both digital display stations, the WSD80 and WSD130, are programmable using the optional WCB1 calibration unit- allows for temperature lock-out (process control), temperature set-back (extended tip life) and degrees F to degrees C conversion
- Irons fitted with non-burnable silicon rubber cord - prevents cord from being compromised for your protection
- UL and cUL listed (WS80 and WSD80 only)



| Station                  | WS80                                      | WSD80                                     | WSD130                                    |
|--------------------------|-------------------------------------------|-------------------------------------------|-------------------------------------------|
| Input Voltage            | 120V                                      | 120V                                      | 120V                                      |
| Output Voltage           | 24V                                       | 24V                                       | 24V                                       |
| Power Consumption        | 95W                                       | 95W                                       | 150W                                      |
| Temperature Range        | 300°F - 850°F (150°C - 454°C)             | 150°F - 850°F (66°C - 454°C)              | 150°F - 850°F (66°C - 454°C)              |
| Footprint                | 6 1/2 X 4 1/2 X 4 IN (165 X 114 X 102 CM) | 6 1/2 X 4 1/2 X 4 IN (165 X 114 X 102 CM) | 6 1/2 X 4 1/2 X 4 IN (165 X 114 X 102 CM) |
| Weight (Power unit only) | 7.0 LB                                    | 7.0 LB                                    | 7.0 LB                                    |
| Temperature Accuracy     | Calibrateable to +/- 9°F(+/-5°C)          | Calibrateable to +/- 9°F(+/-5°C)          | Calibrateable to +/- 9°F(+/-5°C)          |
| Temperature Stability    | +/-10°F (6°C)                             | +/-10°F (6°C)                             | +/-10°F (6°C)                             |
| ESD Safe                 | Yes                                       | Yes                                       | Yes                                       |
| Iron                     | WSP80                                     | WSP80                                     |                                           |
| Power Consumption        | 80W                                       | 80W                                       |                                           |
| Heating Element Type     | Nichrome Wound                            | Nichrome Wound                            |                                           |
| Length (w/o cord or tip) | 7.5 In.                                   | 7.5 In.                                   |                                           |
| Iron Cord Length         | 4 ft. (1.22 m)                            | 4 ft. (1.22 m)                            |                                           |
| ESD Safe                 | Yes                                       | Yes                                       |                                           |
| Standard Tip             | LTB                                       | LTB                                       |                                           |
| Iron Stand               | WPH80                                     | WPH80                                     |                                           |

| Cat. No. | UPC No.      | Description                                | Pack Wt. |      | Shelf Pack |
|----------|--------------|--------------------------------------------|----------|------|------------|
|          |              |                                            | lb       | kg   |            |
| WS80     | 037103143259 | Complete station, analog, 120V             | 7.0      | 3.18 | 1          |
| WS80PU   | 037103146267 | Power unit, analog, 120V                   | 5.7      | 2.59 | 1          |
| WSD80    | 037103143266 | Complete station, digital, 120V            | 7.0      | 3.18 | 1          |
| WSD80PU  | 037103146250 | Power unit, digital, 120V                  | 5.7      | 2.59 | 1          |
| WSD130   | 037103152121 | Power unit, digital, dual, 120V (No Irons) | 7.0      | 3.18 | 1          |
| WSP80    | 037103143389 | Soldering iron, 80W, LTB tip               | 0.39     | 0.17 | 1          |
| WSP80AP  | 037103146274 | Soldering iron, 80W, LTB tip, WPH80 stand  | 1.53     | 0.69 | 1          |
| WPH80    | 037103143396 | Iron stand and TC205 sponge                | 0.91     | 0.14 | 1          |

# EC2002M Digital Model



## Features & Benefits

- Microprocessor controlled for accuracy and dependability
- Digital LED display allows you to read temperature setting and actual tip temperature - accuracy for the most demanding applications
- Programmable using the optional WCM1 calibration unit - allows for temperature lock-out (process control) and temperature set-back (for extended tip life) and degrees F to degrees C conversion
- ESD safe to protect sensitive components
- Available with your choice of four irons:
  - EC1201A 40 watt iron with ETA tip for general purpose soldering.
  - EC1201AFE 40 watt iron with ETA tip and integral fume extraction tube
  - EC1302A 20 watt iron with EPH101 tip for micro soldering
  - EC1503A 42 watt iron with EMA tip for applications requiring high output from a small, lightweight tool
- Irons fitted with non-burnable silicon rubber cord - prevents cord from being compromised for your protection
- UL and cUL listed

| Station                  | EC2002M1                               | EC2002M1FE                             | EC2002M2                               | EC2002M3                               |
|--------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| Input Voltage            | 120V                                   | 120V                                   | 120V                                   | 120V                                   |
| Output Voltage           | 24V                                    | 24V                                    | 24V                                    | 24V                                    |
| Power Consumption        | 60W                                    | 60W                                    | 60W                                    | 60W                                    |
| Temperature Range        | 350°F - 850°F (177°C - 454°C)          | 350°F - 850°F (177°C - 454°C)          | 350°F - 850°F (177°C - 454°C)          | 350°F - 850°F (177°C - 454°C)          |
| Footprint                | 4.5 X 5.9 X 3.6 IN (114 X 150 X 91 mm) | 4.5 X 5.9 X 3.6 IN (114 X 150 X 91 mm) | 4.5 X 5.9 X 3.6 IN (114 X 150 X 91 mm) | 4.5 X 5.9 X 3.6 IN (114 X 150 X 91 mm) |
| Weight (Power unit only) | 4.5 LB (2.05 KG)                       | 4.5 LB (2.05 KG)                       | 4.5 LB (2.05 KG)                       | 4.5 LB (2.05 KG)                       |
| Temperature Accuracy     | Calibrateable to +/- 9°F(+/-5°C)       | Calibrateable to +/- 9°F(+/-5°C)       | Calibrateable to +/- 9°F(+/-5°C)       | Calibrateable to +/- 9°F(+/-5°C)       |
| Temperature Stability    | +/-10°F (6°C)                          | +/-10°F (6°C)                          | +/-10°F (6°C)                          | +/-10°F (6°C)                          |
| ESD Safe                 | Yes                                    | Yes                                    | Yes                                    | Yes                                    |
| Iron                     | EC1201A                                | EC1201AFE                              | EC1302A                                | EC1503A                                |
| Power Consumption        | 40W                                    | 40W                                    | 20W                                    | 42W                                    |
| Heating Element Type     | Nichrome wound, plug-in                | Nichrome wound                         | Nichrome Wound, with Quick Connects    | Nichrome Wound, with Quick Connects    |
| Length (w/o cord or tip) | 8 Inches                               | 8 Inches                               | 7.5 Inches                             | 7.75 Inches                            |
| Iron Cord Length         | 4 ft. (1.22 m)                         | 4 ft. (1.22 m)                         | 4 ft. (1.22 m)                         | 4 ft. (1.22 m)                         |
| ESD Safe                 | Yes                                    | Yes                                    | Yes                                    | Yes                                    |
| Standard Tip             | ETA                                    | ETA                                    | EPH101                                 | EMA                                    |
| Iron Stand               | PH1201ESD                              | PH1201FE                               | PH1301ESD                              | PH1503                                 |

| Cat. No.   | UPC No.      | Description                          | Pack Wt. |      | Shelf Pack |
|------------|--------------|--------------------------------------|----------|------|------------|
|            |              |                                      | lb       | kg   |            |
| EC2002M0   | 037103103284 | Power unit only, 120V                | 3.50     | 1.59 | 1          |
| EC2002M1   | 037103103291 | Complete station, EC1201A iron, 120V | 4.50     | 2.04 | 1          |
| EC2002M1FE | 037103105837 | Solder Station, EC1201AFE Iron       | 4.80     | 2.18 | 1          |
| EC2002M2   | 037103103260 | Complete station, EC1302A iron, 120V | 4.35     | 1.97 | 1          |
| EC2002M3   | 037103103277 | Complete station, EC1503A iron, 120V | 4.50     | 2.04 | 1          |
| EC2002M0D  | 037103103246 | Power unit only, 240V                | 3.50     | 1.59 | 1          |
| EC2002M1D  | 037103103253 | Complete station, EC1201A iron, 240V | 4.30     | 1.95 | 1          |
| EC2002M2D  | 037103103307 | Complete station, EC1302A iron, 240V | 4.30     | 1.95 | 1          |
| EC2002M3D  | 037103103239 | Complete station, EC1503A iron, 240V | 4.50     | 2.04 | 1          |

# EC1002 & DEC1001 Analog Models

## Features & Benefits

- Electronically controlled station - accurate and reliable temperature settings
- Adjustable temperature dial calibrated in 10°F (6°C) increments
- ESD safe to protect sensitive components
- EC1002 available with your choice of four irons:
  - EC1201A 40 watt iron with ETA tip for general purpose soldering
  - EC1201AFE 40 watt iron with ETA tip fitted with integral fume extraction tube
  - EC1302A 20 watt iron with EPH101 tip for micro soldering
  - EC1503A 42 watt iron with EMA tip for applications requiring high output from a small, lightweight tool
- DEC1001 sold without irons - purchase separately
- Irons fitted with non-burnable silicon rubber cord - prevents cord from being compromised for your protection
- UL and cUL listed



| Station                  | EC10021                                | EC10021FE                              | EC10022                                | EC10023                                |
|--------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| Input Voltage            | 120V                                   | 120V                                   | 120V                                   | 120V                                   |
| Output Voltage           | 24V                                    | 24V                                    | 24V                                    | 24V                                    |
| Power Consumption        | 60W                                    | 60W                                    | 60W                                    | 60W                                    |
| Temperature Range        | 350°F - 850°F (177°C - 454°C)          | 350°F - 850°F (177°C - 454°C)          | 350°F - 850°F (177°C - 454°C)          | 350°F - 850°F (177°C - 454°C)          |
| Footprint                | 4.5 X 5.9 X 3.6 IN (114 X 150 X 91 mm) | 4.5 X 5.9 X 3.6 IN (114 X 150 X 91 mm) | 4.5 X 5.9 X 3.6 IN (114 X 150 X 91 mm) | 4.5 X 5.9 X 3.6 IN (114 X 150 X 91 mm) |
| Weight (Power unit only) | 4.5 LB (2.05 KG)                       | 4.5 LB (2.05 KG)                       | 4.5 LB (2.05 KG)                       | 4.5 LB (2.05 KG)                       |
| Temperature Accuracy     | Calibrateable to +/- 9°F(+/-5°C)       | Calibrateable to +/- 9°F(+/-5°C)       | Calibrateable to +/- 9°F(+/-5°C)       | Calibrateable to +/- 9°F(+/-5°C)       |
| Temperature Stability    | +/-10°F (6°C)                          | +/-10°F (6°C)                          | +/-10°F (6°C)                          | +/-10°F (6°C)                          |
| ESD Safe                 | Yes                                    | Yes                                    | Yes                                    | Yes                                    |
| Iron                     | EC1201A                                | EC1201AFE                              | EC1302A                                | EC1503A                                |
| Power Consumption        | 40W                                    | 40W                                    | 20W                                    | 42W                                    |
| Heating Element Type     | Nichrome wound, plug-in                | Nichrome wound                         | Nichrome Wound, with Quick Connects    | Nichrome Wound, with Quick Connects    |
| Length (w/o cord or tip) | 8 Inches                               | 8 Inches                               | 7.5 Inches                             | 7.75 Inches                            |
| Iron Cord Length         | 4 ft. (1.22 m)                         | 4 ft. (1.22 m)                         | 4 ft. (1.22 m)                         | 4 ft. (1.22 m)                         |
| ESD Safe                 | Yes                                    | Yes                                    | Yes                                    | Yes                                    |
| Standard Tip             | ETA                                    | ETA                                    | EPH101                                 | EMA                                    |
| Iron Stand               | PH1201ESD                              | PH1201FE                               | PH1301ESD                              | PH1503                                 |

| Cat. No.   | UPC No.      | Description                                                  | Pack Wt. lb | Pack Wt. kg | Shelf Pack |
|------------|--------------|--------------------------------------------------------------|-------------|-------------|------------|
| EC10020    | 037103000514 | Power unit only, 120V                                        | 3.75        | 1.70        | 1          |
| EC10021    | 037103000439 | Complete station, EC1201A iron, 120V                         | 4.60        | 2.09        | 1          |
| EC10021FE  | 037103044556 | Station, Fumex-Hand-120v Dial                                | 4.80        | 2.18        | 1          |
| EC10022    | 037103000446 | Complete station, EC1302A iron, 120V                         | 4.35        | 1.97        | 1          |
| EC10023    | 037103000453 | Complete station, EC1503A iron, 120V                         | 4.60        | 2.09        | 1          |
| EC10020D   | 037103000521 | Power unit only, 240V                                        | 3.75        | 1.70        | 1          |
| EC10021D   | 037103000491 | Complete station, EC1201A iron, 240V                         | 4.60        | 2.09        | 1          |
| EC10022D   | 037103000507 | Complete station, EC1302A iron, 240V                         | 4.35        | 1.97        | 1          |
| EC10023D   | 037103000538 | Complete station, EC1503A iron, 240V                         | 4.60        | 2.09        | 1          |
| DEC1001    | 037103593030 | Dual iron power unit only (no irons) w/two iron stands, 120V | 5.90        | 2.68        | 1          |
| Δ DEC1001D | 037103003973 | Dual iron power unit only (no irons) w/two iron stands, 240V | 6.40        | 2.90        | 1          |

Δ Made to order, contact customer service for delivery.

# WTL1000/DTL1000 Temperature Lockout Models



## Features & Benefits

- Thermolock® temperature keys provide operator lockout - allows you to control the process
- DTL1000 has dual independent channels - allows operation of two different irons simultaneously or independently (IRONS SOLD SEPARATELY WITH DTL1000)
- Unit powers iron down to 350°F when temperature key is removed - prevents operator from soldering at any other temperature
- ESD safe to protect sensitive components
- WTL1000 available with your choice of three irons (see chart below for proper catalog number):
  - EC1201A 40 watt iron with ETA tip for general purpose soldering.
  - EC1302A 20 watt iron with EPH101 tip for micro soldering
  - EC1503A 42 watt iron with EMA tip for applications requiring high output from a small, light weight tool
- Irons fitted with non-burnable silicon rubber cord - prevents cord from being compromised for your protection
- UL and cUL listed

| Station                  | WTL10000                                | WTL10001                                | WTL10002                                | WTL10003                                | DTL1000                                 |
|--------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|
| Input Voltage            | 120V                                    | 120V                                    | 120V                                    | 120V                                    | 120V                                    |
| Output Voltage           | 24V                                     | 24V                                     | 24V                                     | 24V                                     | 24V                                     |
| Power Consumption        | 60W                                     | 60W                                     | 60W                                     | 60W                                     | 120W                                    |
| Temperature Range        | 600°F - 850°F (316°C - 454°C)           | 600°F - 850°F (316°C - 454°C)           | 600°F - 850°F (316°C - 454°C)           | 600°F - 850°F (316°C - 454°C)           | 600°F - 850°F (316°C - 454°C)           |
| Footprint                | 4.5 X 5.9 X 3.6 in<br>114 X 150 X 91 mm | 4.5 X 5.9 X 3.6 in<br>114 X 150 X 91 mm | 4.5 X 5.9 X 3.6 in<br>114 X 150 X 91 mm | 4.5 X 5.9 X 3.6 in<br>114 X 150 X 91 mm | 4.5 X 5.9 X 3.6 in<br>114 X 150 X 91 mm |
| Weight (Power unit only) | 4.4 LB (2.0 KG)                         | 4.4 LB (2.0 KG)                         | 4.4 LB (2.0 KG)                         | 4.4 LB (2.0 KG)                         | 5.9 LB (2.68 KG)                        |
| Temperature Accuracy     | Calibrateable to +/- 9°F (+/- 5°C)      | Calibrateable to +/- 9°F (+/- 5°C)      | Calibrateable to +/- 9°F (+/- 5°C)      | Calibrateable to +/- 9°F (+/- 5°C)      | Calibrateable to +/- 9°F (+/- 5°C)      |
| Temperature Stability    | +/-10°F (6°C)                           | +/-10°F (6°C)                           | +/-10°F (6°C)                           | +/-10°F (6°C)                           | +/-10°F (6°C)                           |
| ESD Safe                 | Yes                                     | Yes                                     | Yes                                     | Yes                                     | Yes                                     |
| Iron                     | N/A                                     | EC1201A                                 | EC1302A                                 | EC1503A                                 | N/A                                     |
| Power Consumption        |                                         | 40W                                     | 20W                                     | 42W                                     |                                         |
| Heating Element Type     |                                         | Nichrome wound, plug-in                 | Nichrome Wound w/<br>Quick Connects     | Nichrome Wound w/<br>Quick Connects     |                                         |
| Length (w/o cord or tip) |                                         | 8 Inches                                | 7.5 Inches                              | 7.75 Inches                             |                                         |
| Iron Cord Length         |                                         | 4 ft. (1.22 m)                          | 4 ft. (1.22 m)                          | 4 ft. (1.22 m)                          |                                         |
| ESD Safe                 |                                         | Yes                                     | Yes                                     | Yes                                     |                                         |
| Standard Tip             |                                         | ETA                                     | EPH101                                  | EMA                                     |                                         |
| Iron Stand               |                                         | PH1201ESD                               | PH1301ESD                               | PH1503                                  |                                         |

| Cat. No. | UPC No.      | Description                                       | Pack Wt. |      | Shelf Pack |
|----------|--------------|---------------------------------------------------|----------|------|------------|
|          |              |                                                   | lb       | kg   |            |
| WTL10000 | 037103593276 | Power unit only, 120V                             | 3.50     | 1.59 | 1          |
| WTL10001 | 037103593221 | Complete station, EC1201A iron, 120V              | 4.55     | 2.06 | 1          |
| WTL10002 | 037103593238 | Complete station, EC1302A iron, 120V              | 4.40     | 2.00 | 1          |
| WTL10003 | 037103593245 | Complete station, EC1503A iron, 120V              | 4.60     | 2.09 | 1          |
| DTL1000  | 037103028174 | Dual iron power unit only w/two iron stands, 120V | 5.90     | 2.68 | 1          |



# WES50 Wireless Temperature Lockout Soldering Station

## Features & Benefits

- Wireless temperature lockout to prevent operators from raising the temperatures to levels higher than specified for the board or component. Gives you control over the process
- Designed for continuous production soldering
- Innovative heater and sensor combination gives you quick heat up and rapid temperature recovery
- Slim, comfortable hand piece reduces operator fatigue
- Tip temperature offset capability which provides the user with the capability of resetting station temperature readings to match in tip sizes and styles.
- UL and cUL listed
- Use ET series tip found on page 105
- ESD safe to protect sensitive components



| Station               | WES50                                     | Iron                 | PES50          |
|-----------------------|-------------------------------------------|----------------------|----------------|
| Input Voltage         | 120V                                      | Power Consumption    | 50W            |
| Output Voltage        | 24V                                       | Heating Element Type | Nichrome Wound |
| Temperature Range     | 350°F - 850°F (177°C - 454°C)             | Iron Cord Length     | 4 ft. (1.22 m) |
| Footprint             | 6 1/2 X 4 1/2 X 4 IN (165 X 114 X 102 CM) | ESD Safe?            | Yes            |
| Temperature Accuracy  | Calibrateable to +/- 9°F (+/- 5°C)        | Standard Tip         | ETA            |
| Temperature Stability | +/- 10°F (6°C)                            | Iron Stand           | PH50           |
| ESD Safe?             | Yes                                       |                      |                |

| Cat. No.       | UPC No.      | Description                                          | Pack Wt. |      | Shelf Pack |
|----------------|--------------|------------------------------------------------------|----------|------|------------|
|                |              |                                                      | lb       | kg   |            |
| <b>WES50</b>   | 037103161208 | Complete station, 120V, ETA Tip, Fahrenheit Markings | 3.93     | 1.78 | 1          |
| <b>WES50PU</b> | 037103161185 | Power unit only, 120V, Fahrenheit Markings           | 3.50     | 1.59 | 1          |
| <b>PES50</b>   | 037103161154 | Soldering iron, 50W, ETA tip                         | 1.00     | 0.45 | 1          |
| <b>PH50</b>    | 037103161093 | Iron stand and TC205 sponge                          | .950     | 0.43 | 1          |

Following Units for Authorized Export Distributors Only

|                   |              |                                                               |      |      |   |
|-------------------|--------------|---------------------------------------------------------------|------|------|---|
| Δ <b>WES50D</b>   | 037103161277 | Complete station, 230V, US Plug, ETT Tip, Centigrade Markings | 3.93 | 1.78 | 1 |
| Δ <b>WES50T</b>   | 037103167149 | Complete station, 110V, US Plug, ETT Tip, Centigrade Markings | 3.93 | 1.78 | 1 |
| Δ <b>WES50DUK</b> | 037103167156 | Complete station, 230V, UK Plug, ETT Tip, Centigrade Markings | 3.93 | 1.78 | 1 |

Δ Made to order, contact customer service for delivery.



# Fume Extraction Soldering Stations



## EC10021FE, EC2002M1FE, WTCPTFE Features & Benefits

- Integral fume extraction system provided with each iron - for use with Weller WFE2P, WFE20, and WAX1 fume extraction systems
- Adjustable 3/16" (4.75 mm) diameter stainless steel exhaust tube on iron for precise positioning over work
- 7' length ESD safe tubing connects to fume extraction system See page 63 for features, benefits, and specification for these units

## Irons for fume extraction systems

### TC201FE/EC1201AFE Features & Benefits

- Use with any Weller fume extraction system
- Adjustable 3/16" diameter stainless steel exhaust tube on iron for precise positioning over work
- Use TC201FE with WTCP series soldering stations - uses PT tips (page 110)
- Use EC1201AFE with EC series stations - uses ET tips (page 105)
- ESD safe

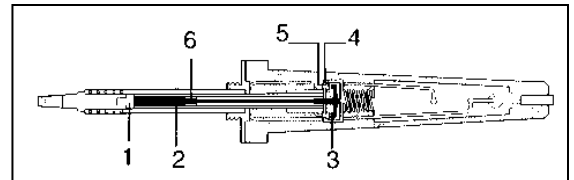
| Cat. No.   | UPC No.      | Description                                         | Pack Wt. |      | Shelf Pack |
|------------|--------------|-----------------------------------------------------|----------|------|------------|
|            |              |                                                     | lb       | kg   |            |
| EC10021FE  | 037103044556 | EC10020 power unit, EC1201AFE iron, PH1201FE stand  | 4.80     | 2.18 | 1          |
| EC2002M1FE | 037103105837 | EC2002M0 power unit, EC1201AFE iron, PH1201FE stand | 4.80     | 2.18 | 1          |
| WTCPTFE    | 037103044549 | PU120T power unit, TC201FE iron, PH1201FE stand     | 4.20     | 1.90 | 1          |
| EC1201AFE  | 037103001948 | Fume extraction iron, ETA tip                       | 0.70     | 0.31 | 1          |
| TC201FE    | 037103592255 | Fume extraction iron, PTA7 tip                      | 0.60     | 0.27 | 1          |
| PH1201FE   | 037103043948 | Iron stand and TC205 tip                            | 0.90     | 0.40 | 1          |

### Features & Benefits

- Utilizes unique closed loop method of controlling maximum tip temperature - protects temperature sensitive components
- A ferromagnetic temperature sensor in the tip controls tip temperature - no adjustments are necessary
- Quick disconnect plug for soldering iron allows fast iron change
- Lighted switch - indicates on/off status
- ESD safe to protect sensitive components
- Tips available in three standard temperature ranges: 600°F, 700°F, and 800°F. Temperatures of 500°F and 900°F available on special order
- Power unit features impact resistant plastic for durability
- UL and cUL listed



The unique Weller controlled-output station. How it works: When the soldering tip is cold, a ferromagnetic temperature sensor (1) attached to the tip attracts a permanent magnet (2). The magnet movement causes a shorting bar (3) to make contact with a set of isolated electrical contacts (4) thereby supplying power to the heating element through the solder lugs (5). When the tip reaches its idle temperature, the sensor becomes non-magnetic and no longer attracts the magnet. Then a magnetic bushing (6) attracts the magnet causing the shorting bar to break the circuit. In this manner, power to the heating element is turned on and off automatically.



| Station                  | WTCPT                                     | WTCPTFE                                   | Iron                     | TC201T                  | TC201FE                 |
|--------------------------|-------------------------------------------|-------------------------------------------|--------------------------|-------------------------|-------------------------|
| Input Voltage            | 120V                                      | 120V                                      | Power Consumption        | 42 W                    | 42 W                    |
| Output Voltage           | 24V                                       | 24V                                       | Heating Element Type     | Nichrome Wound, Plug In | Nichrome Wound, Plug In |
| Power Consumption        | 60W                                       | 60W                                       | Length (w/o cord or tip) |                         |                         |
| Temperature Range        | 600°F -800°F (316°C - 427°C**)            | 600°F -800°F (316°C - 427°C**)            | Iron Cord Length         | 4' (1.2 m)              | 4' (1.2 m)              |
| Footprint                | 4.5 X 5.9 X 3.6 IN<br>(114 X 150 X 91 mm) | 4.5 X 5.9 X 3.6 IN<br>(114 X 150 X 91 mm) | ESD Safe                 | Yes                     | Yes                     |
| Weight (Power unit only) | 3.9 LB (1.78 KG)                          | 3.9 LB (1.78 KG)                          | Standard Tip             | PTA7                    | PTA7                    |
| Temperature Accuracy     | Non-Specified                             | Non-Specified                             | Iron Stand               | PH1201ESD               | PH1201FE                |
| Temperature Stability    | Non-Specified                             | Non-Specified                             |                          |                         |                         |
| ESD Safe                 | Yes                                       | Yes                                       | ** Tip Specific          |                         |                         |

| Cat. No. | UPC No.      | Description                | Pack Wt. |      | Shelf Pack |
|----------|--------------|----------------------------|----------|------|------------|
|          |              |                            | lb       | kg   |            |
| WTCPT    | 037103001146 | Complete station, 120V     | 3.80     | 1.72 | 1          |
| TC201T   | 037103001153 | Replacement iron, PTA7 tip | 0.30     | 0.13 | 1          |
| PU120T   | 037103001115 | Power unit only, 120V      | 3.70     | 1.68 | 1          |
| WTCPTD   | 037103001122 | Complete station, 240V     | 3.75     | 1.70 | 1          |
| EC234    | 037103479747 | Heater assembly, TC201T    | 0.06     | 0.02 | 1          |
| SW60     | 037103474070 | Switch assembly, TC201T    | 0.07     | 0.03 | 1          |

## EC1201A, EC1204A, EC1302A, EC1503A, EC1504A



## Features &amp; Benefits

- For use with any Weller EC or Silver Series soldering station, or any WRS rework station
- ESD safe to protect sensitive components
- Irons fitted with non-burnable silicon rubber cord - prevents cord from being compromised for your protection
- Fume extraction adapter kit available - see page 101.
- A wide variety of copper tips with heavy iron, nickel, and chromium plating is available - see pages 105, 108, 109.
- EC1201A, EC1204A - Use ET series
- EC1302A - Use EPH series
- EC1503A, EC1504A- Use EM series
- UL and cUL listed

## Uses

- EC1201A\* - General purpose soldering tool
- EC1204A\* - High performance version of EC1201A
- EC1302A\* - Micro soldering tool
- EC1503A\* - Designed for difficult applications such as multi-layer boards requiring high output from a small, light weight tool
- EC1504A\* - High performance version of EC1503A

\*Order with a suffix "P" to get iron and stand (eg. EC1201AP)

| Iron                     | EC1201A                 | EC1204A                 | EC1302A                             | EC1503A                             | EC1504A                             |
|--------------------------|-------------------------|-------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Power Consumption        | 40W                     | 54W                     | 20W                                 | 42W                                 | 54W                                 |
| Heating Element Type     | Nichrome wound, plug-in | Nichrome wound, plug-in | Nichrome Wound, with Quick Connects | Nichrome Wound, with Quick Connects | Nichrome Wound, with Quick Connects |
| Length (w/o cord or tip) | 8 Inches                | 9 Inches                | 7.5 Inches                          | 7.75 Inches                         | 7.75 Inches                         |
| Iron Cord Length         | 4 ft. (1.22 m)          | 4 ft. (1.22 m)          | 4 ft. (1.22 m)                      | 4 ft. (1.22 m)                      | 4 ft. (1.22 m)                      |
| ESD Safe?                | Yes                     | Yes                     | Yes                                 | Yes                                 | Yes                                 |
| Standard Tip             | ETA                     | ETM                     | EPH101                              | EMA                                 | EMA                                 |
| Iron Stand               | PH1201ESD               | PH1201ESD               | PH1301ESD                           | PH1503                              | PH1504                              |

| Cat. No.          | UPC No.      | Description                            | Pack Wt. |      | Shelf Pack |
|-------------------|--------------|----------------------------------------|----------|------|------------|
|                   |              |                                        | lb       | kg   |            |
| <b>EC1201A</b>    | 037103593795 | Iron, 40W, ETA tip                     | 0.40     | 0.18 | 1          |
| <b>EC1201AP</b>   | 037103088376 | Iron, 40W, PH1201ESD stand, ETA tip    | 1.50     | 0.68 | 1          |
| <b>EC1204A</b>    | 037103107084 | Iron, 54W, ETM tip                     | 0.30     | 0.13 | 1          |
| Δ <b>EC1204AP</b> | 037103131904 | Iron, 54W, PH1201ESD stand, ETM tip    | 1.60     | 0.72 | 1          |
| <b>EC1302A</b>    | 037103593290 | Iron, 20W, EPH101 tip                  | 0.30     | 0.13 | 1          |
| <b>EC1302AP</b>   | 037103088383 | Iron, 20W, PH1301ESD stand, EPH101 tip | 1.45     | 0.65 | 1          |
| <b>EC1503A</b>    | 037103593283 | Iron, 42W, EMA tip                     | 0.40     | 0.18 | 1          |
| <b>EC1503AP</b>   | 037103088451 | Iron, 42W, PH1503 stand, EMA tip       | 1.40     | 0.63 | 1          |
| <b>EC1504A</b>    | 037103122414 | Iron, 54W, EMA tip                     | 0.30     | 0.13 | 1          |
| <b>EC1504AP</b>   | 037103132673 | Iron, 54W, PH1503 stand, EMA tip       | 1.60     | 0.72 | 1          |

Δ Made to order, contact customer service for delivery.

# WLC100 / WLC200 Stained Glass Station

## WLC100 Features & Benefits

- On/off switch with “power-on” indicator light
- Variable power control produces 5-40 watts
- Quality lightweight pencil iron
- Cushioned foam grip with replaceable heating element
- Ideal for hobbyist, DIY’ers and students
- Synthetic guard iron holder
- Natural sponge tip cleaning pad
- Includes ST3 iron plated copper tip
- ST series tips listed on page 111
- UL listed, cUL version available

## WLC200 Stained Glass Station Features & Benefits

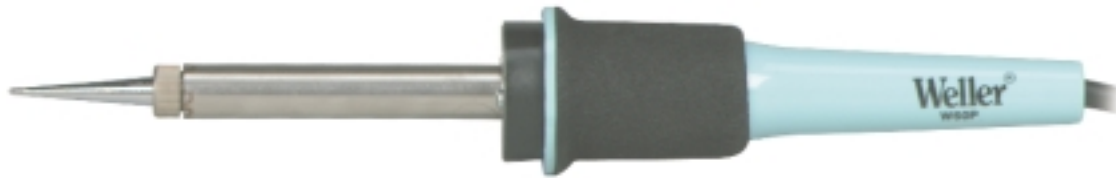
- On/off switch with “power-on” indicator light
- Variable power control produces 5-80 watts
- Quality lightweight stained glass iron
- Cushioned foam grip with replaceable heating element
- Ideal for the professional or hobbyist
- Safety guard iron holder
- Synthetic sponge tip cleaning pad
- Includes MTG20 3/8" replaceable tip
- Additional tips listed on page 118
- UL listed, cUL version available



|                          | Consumer                                  | Stained Glass                             | Iron                     | Consumer                                            | Stained Glass                                       |
|--------------------------|-------------------------------------------|-------------------------------------------|--------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Station                  | WLC100                                    | WLC200                                    | Power Consumption        | 5W - 40W                                            | 5W - 80W                                            |
| Input Voltage            | 120V                                      | 120V                                      | Heating Element Type     | Nichrome wound,<br>fiberglass and ceramic insulated | Nichrome wound,<br>fiberglass and ceramic insulated |
| Output Voltage           | 120V                                      | 120V                                      | Length (w/o cord or tip) |                                                     |                                                     |
| Power Consumption        | 5 - 40W                                   | 5 - 80W                                   | Iron Cord Length         | 4' (1.22 m)                                         | 4' (1.22 m)                                         |
| Temperature Range        | 900°F Max.                                | 900°F Max.                                | ESD Safe                 | No                                                  | No                                                  |
| Footprint                | 4.5 X 5.9 X 3.6 in<br>(114 X 150 X 91 mm) | 4.5 X 5.9 X 3.6 in<br>(114 X 150 X 91 mm) | Standard Tip             | ST3                                                 | MTG20                                               |
| Weight (Power unit only) | 1.9 LB (.87 KG)                           | 2.5 LB (1.13 KG)                          | Temperature Accuracy     | N/A                                                 | N/A                                                 |
| Temperature Stability    | N/A                                       | N/A                                       | Iron Stand               | N/A                                                 | SFA60                                               |
| ESD Safe                 | No                                        | No                                        |                          |                                                     |                                                     |

| Cat. No. | UPC No.      | Description                          | Pack Wt. lb | Pack Wt. kg | Shelf Pack |
|----------|--------------|--------------------------------------|-------------|-------------|------------|
| WLC100   | 037103059963 | Complete station, 40 watt iron, 120V | 1.80        | 0.81        | 1          |
| WLC200   | 037103085030 | Complete station, 80 watt iron, 120V | 2.20        | 1.00        | 1          |

## W60P, W100PG



## Features &amp; Benefits

- Uses the Weller "closed loop" method of controlling maximum tip temperature
- Portable line voltage iron - no base station required
- Stainless steel modular plug-in heater - greater efficiency and versatility
- Temperature is controlled by the tip - 600°F, 700°F, and 800°F tips available
- Nominal heat-up time with 700°F tip is 110 seconds
- Available with a three-wire grounded cord set
- Fume extraction adapter kit available - see page 101
- Uses CT Series Tips (W60P-CT5 Series / W100P-CT6 Series) - see page 111
- UL and cUL listed

| Iron                     | W60P                    | W60P3                   | W100PG                  | W100P3                  |
|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Line Voltage             | 120V                    | 120V                    | 120V                    | 120V                    |
| Power Consumption        | 60W                     | 60W                     | 100W                    | 100W                    |
| Tip Temperature          | **                      | **                      | **                      | **                      |
| Heating Element Type     | Nichrome Wound, Plug In | Nichrome Wound, Plug In | Nichrome Wound, Plug In | Nichrome Wound, Plug In |
| Length (w/o cord or tip) |                         |                         |                         |                         |
| Iron Cord Length         | 6' (1.8 m)              | 6' (1.8 m)              | 6' (1.8 m)              | 6' (1.8 m)              |
| ESD Safe                 | No                      | No                      | No                      | No                      |
| Standard Tip             | CT5A7                   | CT5A7                   | CT6F7                   | CT6F7                   |
| Iron Stand               | PH60#                   | PH60#                   | PH100#                  | PH100#                  |

#Stand not included \*\*Tip specific

| Cat. No.          | UPC No.      | Description                                     | Pack Wt. |       | Shelf Pack |
|-------------------|--------------|-------------------------------------------------|----------|-------|------------|
|                   |              |                                                 | lb       | kg    |            |
| <b>W60P</b>       | 037103474087 | Iron, CT5A7 tip, 60W, 120V                      | 3.00     | 1.36  | 6          |
| <b>W60P3</b>      | 037103474094 | Iron, CT5A7 tip, 60W, 120V, 3-wire              | 3.00     | 1.36  | 6          |
| <b>W60PD</b>      | 037103477811 | Iron, CT5A7 tip, 60W, 240V                      | 3.00     | 1.36  | 6          |
| <b>W60PD3</b>     | 037103593962 | Iron, CT5A7 tip, 60W, 240V, 3-wire              | 3.60     | 1.63  | 6          |
| <b>W100PG</b>     | 037103474261 | Iron, heavy duty, CT6F7 tip, 100W, 120V         | 4.20     | 1.90  | 6          |
| <b>W100P3</b>     | 037103474278 | Iron, heavy duty, CT6F7 tip, 100W, 120V, 3-wire | 3.60     | 1.63  | 6          |
| <b>W100PGD</b>    | 037103001566 | Iron, heavy duty, CT6F7 tip, 100W, 240V         | 4.20     | 1.90  | 6          |
| Replacement parts |              |                                                 |          |       |            |
| <b>HEW60P</b>     | 037103480064 | Heater for W60P and W60P3                       | 0.06     | 0.02  | 1          |
| △ <b>HEW60PD</b>  | 037103593337 | Heater for W60PD and W60PD3                     | 0.07     | 0.03  | 1          |
| <b>HEW100P</b>    | 037103480071 | Heater for W100PG and W100P3                    | 0.05     | 0.02  | 1          |
| <b>HEW100PD</b>   | 037103593344 | Heater for W100PGD                              | 0.10     | 0.04  | 1          |
| <b>SW60</b>       | 037103474070 | Switch assembly for W60P and W100P series       | 0.07     | 0.03  | 1          |
| <b>KN60A</b>      | 037103474001 | Knurled tip nut for W60P series                 | 0.01     | 0.01  | 1          |
| <b>KN100A</b>     | 037103474186 | Knurled tip nut for W100P series                | 0.014    | 0.006 | 1          |

△ Made to order, contact customer service for delivery.

**Packing List:** Each model and variation includes a tip and is packed with a tech sheet

# WP25, WP30, WP35



## Features & Benefits

- These versatile irons feature interchangeable heating elements - allows you to change wattage (25, 30, or 35W) depending on the job
- Quick change knurled collar makes changing heater fast and easy
- Lightweight handle with cushion grip for ease of use and comfort
- Three wire grounded power cord for your safety
- Uses Weller ST series tip - iron plated for long life and greater efficiency - see page 111 for tip listing
- Fume extraction adapter kit available - see page 101
- UL and cUL listed (120 VAC units only)

| Iron                     | WP25                                             | WP30                                             | WP35                                             |
|--------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Line Voltage             | 120V                                             | 120V                                             | 120V                                             |
| Power Consumption        | 25W                                              | 30W                                              | 35W                                              |
| Tip Temperature          | 750°F(399°C)                                     | 800°F(427°C)                                     | 850°F(454°C)                                     |
| Heating Element Type     | Nichrome wound, fiberglass and ceramic insulated | Nichrome wound, fiberglass and ceramic insulated | Nichrome wound, fiberglass and ceramic insulated |
| Length (w/o cord or tip) | 7.875" (200 mm)                                  | 7.875" (200 mm)                                  | 7.875" (200 mm)                                  |
| Iron Cord Length         | 6' (1.8 m)                                       | 6' (1.8 m)                                       | 6' (1.8 m)                                       |
| ESD Safe                 | No                                               | No                                               | No                                               |
| Standard Tip             | ST3                                              | ST3                                              | ST3                                              |
| Iron Stand               | PH60#                                            | PH60#                                            | PH60#                                            |

#Stand not included

| Cat. No. | UPC No.      | Description                      | Pack Wt. |       | Shelf Pack |
|----------|--------------|----------------------------------|----------|-------|------------|
|          |              |                                  | lb       | kg    |            |
| WP25     | 037103593597 | Iron, ST3 tip, 25W, 120V         | 2.50     | 1.13  | 6          |
| WP30     | 037103593603 | Iron, ST3 tip, 30W, 120V         | 2.50     | 1.13  | 6          |
| WP35     | 037103593610 | Iron, ST3 tip, 35W, 120V         | 2.50     | 1.13  | 6          |
| WP25D    | 037103000309 | Iron, ST3 tip, 25W, 220V         | 2.50     | 1.13  | 6          |
| WP30D    | 037103024640 | Iron, ST3 tip, 30W, 220V         | 2.50     | 1.13  | 6          |
| WP35D    | 037103003584 | Iron, ST3 tip, 35W, 220V         | 2.50     | 1.13  | 6          |
| HE25     | 037103593627 | Heater for WP25                  | 0.08     | 0.03  | 1          |
| HE30     | 037103593634 | Heater for WP30                  | 0.08     | 0.03  | 1          |
| HE35     | 037103593641 | Heater for WP35                  | 0.08     | 0.03  | 1          |
| HE25D    | 037103001337 | Heater for WP25D                 | 0.08     | 0.03  | 1          |
| HE35D    | 037103024633 | Heater for WP35D                 | 0.08     | 0.03  | 1          |
| KN60     | 037103473998 | Part, knurled tip nut, WP25/WP40 | 0.013    | 0.006 | 1          |

**Packing List:** Each model and variation includes a tip and is packed with a tech sheet

# Standard Series / Double Insulated Irons



## Standard Series Modular Irons Features & Benefits

- Modular soldering irons utilize interchangeable handles, heaters and tips for custom applications and maintenance.
- 7400 handle for SL325, SL355, and SL435 are 3-wire grounded
- 7760 handle (red) for SL500 is 2-wire ungrounded
- Irons have 5' cord and feature cool, "soft touch", acid and flux resistant grips
- Uses 9800 or 8800 iron holder
- UL and cUL listed

## DI (Double Insulated) Series Features & Benefits

- Bio-mechanical handle design (#5550) has flexible heat-resistant, double insulated 2-wire cord set
- "Soft touch" cool, molded grip for operator comfort and control in production line use
- DI handles and heaters tested in accordance with UL specifications for double insulation
- Twice the dielectric values of standard UL requirements

| Cat. No.                                                                   | UPC No.      | Description                               | Pack Wt. |      | Shelf Pack |
|----------------------------------------------------------------------------|--------------|-------------------------------------------|----------|------|------------|
|                                                                            |              |                                           | lb       | kg   |            |
| <b>SL325</b>                                                               | 037103037268 | 7400 handle, 537S heater, PL111 tip       | 2.80     | 1.27 | 6          |
| <b>SL335</b>                                                               | 037103037282 | 7400 handle, 1237S heater, PL113 tip      | 2.90     | 1.31 | 6          |
| <b>SL345</b>                                                               | 037103039897 | 7400 handle, 4037S heater, PL133 tip      | 2.90     | 1.31 | 6          |
| <b>SL500</b>                                                               | 037103039910 | 7760 handle, 37UG heater, PL133 tip       | 2.80     | 1.27 | 6          |
| Handles                                                                    |              |                                           |          |      |            |
| <b>7400*</b>                                                               | 037103034854 | Handle, 3-wire, standard cord             | 4.00     | 1.81 | 10         |
| <b>7500*</b>                                                               | 020418106996 | Handle, 3-wire, burn resistant cord       | 3.00     | 1.36 | 10         |
| <b>7760*</b>                                                               | 037103034922 | Handle, 2-wire, standard cord, red        | 2.00     | 0.90 | 10         |
| <b>7770*</b>                                                               | 020418151033 | Handle, 2-wire, standard cord, blue       | 2.00     | 0.90 | 10         |
| Modular heaters with integral tips                                         |              |                                           |          |      |            |
| <b>533S</b>                                                                | 037103030436 | Heater with long chisel tip, 23W, 800°F   | 0.90     | 0.40 | 10         |
| <b>1233S*</b>                                                              | 037103030924 | Heater with long chisel tip, 33W, 900°F   | 1.00     | 0.45 | 10         |
| <b>1236S</b>                                                               | 037103030986 | Heater with pyramid tip, 33W, 900°F       | 1.00     | 0.45 | 10         |
| <b>4033S*</b>                                                              | 037103031914 | Heater with long chisel tip, 45W, 1000°F  | 0.93     | 0.42 | 10         |
| <b>4036S</b>                                                               | 037103031983 | Heater with pyramid tip, 45W, 1100°F      | 0.87     | 0.39 | 10         |
| <b>4039S*</b>                                                              | 037103032041 | Heater with short chisel tip, 45W, 1100°F | 0.87     | 0.39 | 10         |
| <b>33</b>                                                                  | 037103029362 | Heater with long chisel tip, 50W, 1100°F  | 1.00     | 0.45 | 10         |
| Modular heaters for thread-in tips                                         |              |                                           |          |      |            |
| <b>535S</b>                                                                | 037103030467 | Heater for thread-in tips, 23W, 700°F     | 0.85     | 0.38 | 10         |
| <b>1235S*</b>                                                              | 037103030955 | Heater for thread-in tips, 33W, 800°F     | 0.68     | 0.30 | 10         |
| <b>4035S*</b>                                                              | 037103031952 | Heater for thread-in tips, 45W, 900°F     | 0.84     | 0.38 | 10         |
| Modular heaters for thread-on tips                                         |              |                                           |          |      |            |
| <b>537S*</b>                                                               | 037103030528 | Heater for thread-on tips, 23W, 700°F     | 0.76     | 0.34 | 10         |
| <b>1237S*</b>                                                              | 037103031013 | Heater for thread-on tips, 33W, 800°F     | 0.63     | 0.28 | 10         |
| <b>4037S*</b>                                                              | 037103032010 | Heater for thread-on tips, 45W, 900°F     | 0.80     | 0.36 | 10         |
| <b>37UG*</b>                                                               | 037103029386 | Heater for thread-on tips, 50W, 1000°F    | 1.00     | 0.45 | 10         |
| *Available bulk packed - use BK suffix to order (note: order 37UG as 37BK) |              |                                           |          |      |            |
| <b>5550</b>                                                                | 037103034090 | Handle, 2-wire, double insulated          | 2.50     | 1.13 | 10         |
| <b>360</b>                                                                 | 037103030184 | Heater for thread-on tips, 27W, 700°F     | 0.75     | 0.34 | 10         |
| <b>361</b>                                                                 | 037103030191 | Heater for thread-on tips, 35W, 800°F     | 0.75     | 0.34 | 10         |
| <b>362</b>                                                                 | 037103030207 | Heater for thread-on tips, 45W, 900°F     | 0.75     | 0.34 | 10         |
| <b>363</b>                                                                 | 037103030221 | Heater with chisel tip, 45W, 1000°F       | 0.75     | 0.34 | 10         |



# Marksman® Soldering Irons



## Features & Benefits

- Fine quality consumer iron
- Replaceable nickel plated copper tips - see page 118
- Heat and impact resistant plastic handle - stays cool and lasts long
- Can handle a wide variety of applications:
  - Fine soldering and hobby work
  - Electronic kits
  - Model railroads
  - Jewelry making
  - Radio kits
- Stained glass (SPG80) - iron plated copper tips
- Sheet metal work (SP175)
- Lighted versions feature a new on/off indicator light
- UL listed - cUL version available

| Iron                     | SP12                                             | SP23L                                            | SP40L                                            | SP80L/SPG80L                                     | SP120                                            | SP175                                            |
|--------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Line Voltage             | 120V                                             | 120V                                             | 120V                                             | 120V                                             | 120V                                             | 120V                                             |
| Power Consumption        | 12W                                              | 25W                                              | 40W                                              | 80W                                              | 120W                                             | 175W                                             |
| Tip Temperature          | 750°F (400°C)                                    | 750°F (400°C)                                    | 900°F (482°C)                                    | 900°F (482°C)                                    | 900°F (482°C)                                    | 900°F (482°C)                                    |
| Heating Element Type     | Nichrome wound, fiberglass and ceramic insulated | Nichrome wound, fiberglass and ceramic insulated | Nichrome wound, fiberglass and ceramic insulated | Nichrome wound, fiberglass and ceramic insulated | Nichrome wound, fiberglass and ceramic insulated | Nichrome wound, fiberglass and ceramic insulated |
| Length (w/o cord or tip) | 7" (178 mm)                                      | 8.25" (210 mm)                                   | 8.25" (210 mm)                                   | 9.75" (247mm)                                    | 11.375" (289mm)                                  | 12.5" (318 mm)                                   |
| Standard Tip             | MT70                                             | MT1                                              | MT10                                             | MT20/MTG20                                       | MTG30                                            | MTG40                                            |

| Cat. No. | UPC No.      | Description                               | Pack Wt. |      | Shelf Pack |
|----------|--------------|-------------------------------------------|----------|------|------------|
|          |              |                                           | lb       | kg   |            |
| SP12     | 037103479716 | Iron, 12W, 120V, MT70 tip                 | 3.00     | 1.36 | 6          |
| SP23L    | 037103169228 | Iron, Lighted, 25w, 120v                  | 1.47     | 0.67 | 6          |
| SP23LK   | 037103169204 | Iron Kit Lighted 120v                     | 2.00     | 0.91 | 6          |
| SP40L    | 037103169181 | Iron Lighted, 40w, 120v                   | 1.59     | 0.72 | 6          |
| SP80L    | 037103169167 | Iron lighted, 80w, 120v                   | 2.49     | 1.13 | 6          |
| SPG80L   | 037103169136 | Stain Glass Sldr Iron, Lighted, 80w, 120v | 3.60     | 1.63 | 6          |
| SP120    | 037103474537 | Iron, 120W, 120V, MTG30 tip               | 3.50     | 1.59 | 3          |
| SP175    | 037103474674 | Iron, 175W, 120V, MTG40 tip               | 4.00     | 1.81 | 3          |

## WSTA6, WSTA3 &amp; WPA2



## WSTA6 Self Igniting Pyropen Jr Features &amp; Benefits

- Self ignition finger switch - no sparklighter required
- Off button for fast, easy turn off
- Temperature control gives you adjustment equivalent to 15 to 60 watts
- Butane gas refill nozzle refills in 20 seconds
- Knurl release allows you to switch from soldering to hot air in seconds
- Handle can hold approximately 1 hour of butane gas reserve
- 30 second heat-up time
- Protective cap
- Refills with butane lighter gas - Weller cat. no. WB1
- Packaged on a trilingual card



## WSTA3 Pyropen Features &amp; Benefits

- Lightweight and completely portable
- Ready to use in 30 seconds
- Ideal for field service jobs
- Sturdy metal tank holds enough gas for three hours of operation
- Does not require cords, batteries or cartridges
- Temperature adjusts from 392°F-932°F (200°C-500°C)
- 14 tip combinations available
- Inactive hot air nozzles for low temperature heat are available
- Refills with butane lighter gas - Weller cat. no. WB1
- WPT series tips listed on page 119



## WPA2 Self Igniting Pyropen Features &amp; Benefits

- Ignites with the push of a button
- Lightweight and completely portable
- Ready to use in 30 seconds
- Ideal for field service jobs
- Sturdy metal tank holds enough gas for three hours of operation
- Does not require cords, batteries or cartridges
- Temperature adjusts from 482°F-932°F (250°C-500°C)
- 14 soldering tip combinations available
- Inactive hot air nozzles for low temperature heat (1202°F/650°C) are available
- Refills with butane lighter gas - Weller cat. no. WB1
- All temperatures are approximate
- WPT series tips listed on page 119

| Cat. No. | UPC No.      | Description                            | Pack Wt. |      | Shelf Pack |
|----------|--------------|----------------------------------------|----------|------|------------|
|          |              |                                        | lb       | kg   |            |
| WSTA6    | 037103146571 | Cordless soldering iron, self-igniting | 0.27     | 0.12 | 1          |
| WP07U    | 037103146724 | Ejector, WSTA6                         | 0.17     | 0.07 | 10         |
| WSTA3    | 037103472281 | Cordless soldering iron                | 1.00     | 0.45 | 3          |
| WPA2     | 037103590435 | Cordless soldering iron, self-igniting | 0.50     | 0.22 | 1          |
| WPAPC    | 037103590442 | Plastic cap, WPA2                      | 0.13     | 0.05 | 1          |
| WPAE     | 037103590459 | Ejector, WSTA3                         | 0.06     | 0.02 | 1          |
| WPAB     | 037103590466 | Burner, WSTA3                          | 0.07     | 0.03 | 1          |
| WPACN    | 037103590480 | Cap nut, WSTA3                         | 0.05     | 0.02 | 1          |

# WST2, PSI100, & PSI100K

## WST2 Features & Benefits

- Lightweight mini iron
- Does not require cords, batteries or cartridges
- Dual function soldering iron and brazing torch
- Temperature control
- Soldering iron: 392°F-842°F (200°C-450°C); hotblow feature: 806°F (430°C) maximum; torch feature: 2372°F (1300°C) maximum
- Long life soldering tips heat quickly
- Refills with butane lighter gas - Weller cat. no. WB1
- All temperatures are approximate
- WPT series tips listed on page 120



## PSI100 Features & Benefits

- Self-igniting portable butane heat tool
- Features "Auto Switch" safety shut-off, iron plated tips, and built-in filter
- Rugged stainless-steel body provides up to 125 watts of power
- Adjustable temperature up to 1,076°F (580°C)
- Fuel level is clearly visible through a window on the body of the tool
- Refills with butane lighter gas – Weller cat no. WB1
- PS series tips listed on page 120



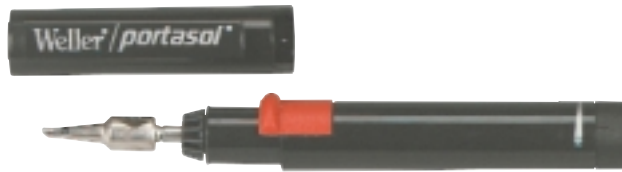
## PSI100K Features & Benefits

- Professional quality Portasol® heat tool
- Ideal for service technicians to solder, heat shrink and cut rope
- Butane fuel level is visible through a window on the body of the tool
- Built-in fuel filter reduces contaminated fuel problems
- Auto switch safety shut off on cap
- Operates up to 2 hours per refill
- Temperature is adjustable up to 1076°F (580°C)
- Refills with butane lighter gas - Weller cat. no. WB1
- Kit contains PSI100 iron, sponge, stand and extra tips packed in a plastic case
- PS series tips listed on page 120



| Cat. No. | UPC No.      | Description                                          | Pack Wt. |      | Shelf Pack |
|----------|--------------|------------------------------------------------------|----------|------|------------|
|          |              |                                                      | lb       | kg   |            |
| WST2     | 037103477514 | Cordless soldering iron                              | 0.50     | 0.22 | 1          |
| PSI100   | 037103060969 | Cordless soldering iron, self-igniting, boxed        | 0.30     | 0.13 | 1          |
| PSI100C  | 037103127174 | Cordless soldering iron, self-igniting, carded       | 0.30     | 0.13 | 1          |
| PSI100K  | 037103060976 | Cordless soldering iron kit, self-igniting, hang box | 1.30     | 0.59 | 1          |

# P1 and P1K



## P1 Features & Benefits

- Does not require cords, batteries or cartridges
- Patented soldering tool has a catalytic converter that provides a powerful yet safe flameless combustion
- Refills with butane lighter gas – Weller cat. no. WB1
- Tank holds gas for 90 minutes of operation
- Safety cut-off switch when cap is replaced
- Flint-spark ignitor in cap
- Ideal for a wide variety of soldering and desoldering jobs at work or at home
- Adjustable temperature control regulates the power (the equivalent of 10-60 watts) to quickly heat the tip
- Develops 850°F/454°C
- Optional accessories convert the P-1 into a soldering iron, blow torch, hot blower and hot knife
- T series tips listed on page 121



## P1K Portasol Kit Features & Benefits

- Does not require cords, batteries or cartridges
- Patented soldering tool has a catalytic converter that provides a powerful yet safe flameless combustion
- Refills with butane lighter gas - Weller cat. no. WB1 (not included)
- Ideal for a wide variety of soldering jobs at work or at home
- Develops 850°F/450°C
- Kit contains Portasol® P1 soldering tool, 3/32 in./2.4 mm iron-plated soldering tip, hot knife accessory, hot blower accessory, blow torch accessory, cleaning sponge and safety stand
- Packed in a rugged plastic case
- T series tips listed on page 121

| Cat. No. | UPC No.      | Description                         | Pack Wt. |      | Shelf Pack |
|----------|--------------|-------------------------------------|----------|------|------------|
|          |              |                                     | lb       | kg   |            |
| P1B      | 037103593351 | Cordless soldering iron, boxed      | 1.05     | 0.47 | 1          |
| P1C      | 037103593368 | Cordless soldering iron, carded     | 0.15     | 0.06 | 1          |
| P1KB     | 037103593375 | Cordless soldering iron kit, boxed  | 0.60     | 0.27 | 1          |
| P1KC     | 037103593382 | Cordless soldering iron kit, carded | 0.60     | 0.27 | 1          |

## C1C, WB1, &amp; WB2

## C1C Features &amp; Benefits

- Does not require cords, batteries or cartridges
- Patented soldering tool has a catalytic converter that provides a powerful yet safe flameless combustion
- Refills with butane lighter gas – Weller cat. no. WB1 (not included)
- Safety cut-off switch when cap replaced
- Sturdy plastic cap fits neatly on back of tool during use
- C2 soldering tip included see page 121
- 3 easily interchangeable screw-in tips are available
- Lightweight black case fits comfortably in hand
- Kit contains C1C iron, sponge, stand and extra tips packed in a plastic case



Premium butane fuel for Portasol® and Pyropen®  
irons WB1/WB2 Features & Benefits

- Premium quality butane fuel
- Compatible with Weller® Portasol® and Weller® Pyropen® tools
- Weighs 2.1 oz/60 g
- Printed in English and Spanish with operating instructions on back of can



| Cat.<br>No. | UPC<br>No.   | Description                 | Pack Wt. |      | Shelf<br>Pack |
|-------------|--------------|-----------------------------|----------|------|---------------|
|             |              |                             | lb       | kg   |               |
| <b>C1C</b>  | 037103593696 | Cordless soldering iron     | 0.20     | 0.09 | 1             |
| <b>WB1</b>  | 037103060921 | Premium butane fuel, 2.1 oz | 2.90     | 1.31 | 12            |
| <b>WB2</b>  | 037103126917 | Premium butane fuel, 1.0 oz | 1.40     | 0.63 | 12            |

## WFE2P &amp; WFE20



## WFE2P Features &amp; Benefits

- Self-contained bench-top fume extraction unit - no external air source required
- Capacity for up to two Weller fume extraction irons / stations
- Reduces harmful soldering emissions from the source by extracting 99.99% of fumes before they can be released into the environment
- Efficient four-stage replaceable filter system
- Silent running, maintenance-free pump for extended continuous service
- Compact size uses minimal bench space and allows portability almost anywhere
- For use with Weller FE series fume extraction soldering irons
- See page 101 for a list of kits that can make a conventional iron fume extraction compatible
- UL and cUL listed, OSHA compliant

## WFE20 Features &amp; Benefits

- Efficient 4-stage, replaceable filter system removes 99.997% of contaminants up to 3 microns
- Silent-running, maintenance-free turbine
- Vacuum turbine protected with thermal and electrical fuse
- Accommodates up to 20 Weller fume extraction soldering irons, 5 directly to the unit (or up to 2 arm extractors)
- Washable filters for longer life
- Wheeled design for portability

| Station           | WFE2P    |
|-------------------|----------|
| Input Voltage     | 120V     |
| Power Consumption | 50W      |
| Weight            | 10.75 Lb |
| Pump Type         | Rotary   |
| Noise Level       | 40 dB    |

| Cat. No.   | Order *    | UPC No.      | Description                                        | Pack Wt. lb | kg   | Shelf Pack |
|------------|------------|--------------|----------------------------------------------------|-------------|------|------------|
| WFE2P      | 0053623299 | 037103126764 | Self-contained 2 person fume extractor, 120V       | 6.60        | 3.00 | 1          |
| 0053641099 | 0053641099 | 037103129239 | Replacement filter cartridge, WFE2P                | 1.36        | 0.61 | 1          |
| 0053642199 | 0053642199 | 037103126566 | Condensation filter, WFE2P (Pack of 3)             | 5.45        | 2.47 | 5          |
| WFE20      | 0053630499 | 037103127136 | 20 person fume extractor                           | 1.21        | 0.55 | 1          |
| 0053634299 | 0053634299 | 037103127235 | Metal condensation filter, WFE20                   | .313        | 0.14 | 1          |
| 0053633999 | 0053633999 | 037103127266 | Fine particulate air filter, WFE20                 | .684        | 0.31 | 1          |
| 0053634199 | 0053634199 | 037103127242 | Wide band gas filter, WFE20                        | 9.12        | 4.15 | 1          |
| 0053634599 | 0053634599 | 037103128621 | Clamp holder for extraction arm, WFE20             | 1.23        | 0.56 | 1          |
| 0053634799 | 0053634799 | 037103128560 | Extraction arm, WFE20                              | 2.41        | 1.09 | 1          |
| 0053634899 | 0053634899 | 037103128614 | Extraction arm, ESD safe, WFE20                    | 3.13        | 1.42 | 1          |
| 0053634999 | 0053634999 | 037103128607 | Transparent shade, rectangular, 296 x 248mm, WFE20 | .408        | 0.18 | 1          |
| 0053635099 | 0053635099 | 037103128591 | Transparent shade, round, 385 mm dia., WFE20       | .904        | 0.41 | 1          |

\* Please use Order No. for inquiries and when ordering.

**Packing List:** WFE2P self-contained 2 person fume extractor, complete instructions

## Weller Airex WAX1 Features &amp; Benefits

- Reduces harmful soldering emissions by extracting 99.97% of fumes from the source before they can be released into the environment
- Easy to install, connects to a compressed air supply (50 - 125 psi)
- Small space requirement allows convenient placement without disturbing surrounding work areas. Can be hung under bench to save space
- Connects to soldering irons with integral fume extraction or converted soldering irons with Clip-On Extractor Kit - see page 101
- Low maintenance costs and long service life
- Can be connected to exhaust air piping system
- Quiet operation will not disturb surrounding work areas



| Cat. No. | UPC No.      | Description                            | Pack Wt. |      | Shelf Pack |
|----------|--------------|----------------------------------------|----------|------|------------|
|          |              |                                        | lb       | kg   |            |
| WAX1     | 037103088161 | Airex fume extraction system           | 5.50     | 2.50 | 1          |
| WAXK2    | 037103088505 | Kit for connecting two soldering irons | 0.10     | 0.04 | 1          |
| WAXH1    | 037103088512 | Replacement extractor hose - 5' long   | 0.10     | 0.04 | 1          |
| WAXF1    | 037103088178 | Replacement filter                     | 5.00     | 2.27 | 1          |
| WAXSF1   | 037103088536 | Replacement silencer filter            | 0.01     | 0.01 | 1          |

**Packing List:** WAX1 Weller Airex fume extraction unit, 3 foot compressed air hose, 5 foot extractor hose, Complete instructions



# Desoldering Stations WDD80V / WRS80



## WDD80V Features & benefits

- Features digital process control for exact temperature set - gives you control over the process
- Microprocessor circuitry automatically recognizes all Weller soldering tools and provides the optimal setting for that tool
- A wide range of DS series desoldering tiptlets see pages 122, 123 and CSF heads see page 125 are available
- Requires shop air supply
- 80 watts of power for faster heat up and better performance
- WDD80VIL comes with DSV80 in-line desoldering tool with internal solder collection chamber
- WDD80V comes with DS80 desoldering pencil with external solder collection chamber
- Station also supports Silver Series soldering pencil WSP80 to give you added flexibility
- ESD safe to protect sensitive components
- Programmable using the optional WCB1 calibration unit- allows for temperature lock-out (process control), temperature set-back (extended tip life) and degrees F to degrees C conversion



## WRS80 Features & benefits

- Vacuum is generated with a self-contained pump
- 80 watts of power for faster heat up and better performance
- A wide range of DS series desoldering tiptlets see page 122, 123 and CSF heads see page 125 are available
- WRS80IL comes with DSV80 in-line desoldering tool with internal solder collection chamber
- WRS80 comes with DS80 desoldering pencil with external solder collection chamber
- Station also supports Silver Series soldering pencil WSP80 to give you added flexibility
- DSV80 uses DS series tips - see pages 122, 123

| Cat. No.   | Order* No. | UPC No.      | Description                                    | Pack Wt. |      | Shelf Pack |
|------------|------------|--------------|------------------------------------------------|----------|------|------------|
|            |            |              |                                                | lb       | kg   |            |
| WDD80VIL   | 0053134299 | 037103163004 | Desoldering station, 120V                      | 13.70    | 6.22 | 1          |
| WDD80V     | 0053136299 | 037103171757 | Desoldering station, 120V                      | 13.70    | 6.22 | 1          |
| DSV80      | 0051319499 | 037103165497 | Desoldering iron, 80W, in-line                 | 0.70     | 0.31 | 1          |
| DSV80SET   | 0053312999 | 037103163042 | Desoldering iron, 80W, in-line, w/AKV stand    | 2.50     | 1.13 | 1          |
| DS80       | 0051319199 | 037103127099 | Desoldering iron, 80W, pencil style            | 0.7      | 0.31 | 1          |
| AKV        | 0051503899 | 037103165473 | Iron stand, DSV80                              | 0.468    | 0.21 | 1          |
| AK20       | 0051503099 | 037103165480 | Iron stand, DS80                               | 0.528    | 0.24 | 1          |
| WRS80IL    | 0053300299 | 037103162991 | Desoldering station, 120V                      | 14.00    | 6.36 | 1          |
| WRS80      | 0053300270 | 037103180759 | Desoldering station, 120V                      | 14.00    | 6.36 | 1          |
| 0051350099 | 0051350099 | 037103165466 | Cleanout Tool for Desoldering Irons            | 0.05     | 0.02 | 1          |
| 0051360599 | 0051360599 | 037103165459 | Glass Tube for DS80 Desoldering Iron (4 tubes) | 0.039    | 0.01 | 1          |

\* Please use Order No. for inquiries and when ordering.

**WDD80V Packing list:** WDD80V power unit, DSV80 desoldering tool with DS112 tiptlet (WDD80VIL), DS80 desoldering pencil (WDD80V), AKV support with sponge (WDD80VIL), AK20 support with sponge (WDD80V), power cord, clean out tool with tip changing tool, anti-block paste, air hose, quick connect air coupling, and instructions.

**WRS80 Packing list:** WRS80 power unit, DSV80 desoldering tool (WRS80IL) with DS112 tiptlet, DS80 desoldering tool (WRS80), AKV stand and sponge (WRS80IL), AK20 stand and sponge (WRS80), power cord, anti-block paste, clean out tool with tip changing tool, instructions.

# Desoldering Stations DS800 / DS700 / DS200

Electronically controlled desoldering station

## DS800 Features & Benefits

- Self-contained - Internal rotary vane pump eliminates the need for shop air
- High performance makes the DS800 ideal for continuous production desoldering and demanding multi-layer applications
- Vacuum controlled by convenient easy-to-use index finger push button
- Complete range of DS series desoldering tiplets - see pages 122, 123
- Unit comes with DS1203A desoldering tool, 5 tiplets, stand, sponge, and clean out tool
- UL and cUL listed, ESD safe



## DS700M Features & Benefits

- Self-contained, lightweight, compact unit has an internal vacuum pump - no need for shop air
- Designed for intermittent use - ideal for the technician who requires portability.
- Vacuum controlled by convenient easy-to-use index finger push button
- Complete range of DS series desoldering tiplets - see pages 122, 123
- Unit comes with DS1201ESD desoldering tool, 5 tiplets, nutdriver, and clean out tool
- UL and cUL listed, ESD safe



## DS200 Features & Benefits

- Requires shop air supply, controlled with pneumatic foot switch
- Dual independent adjustable temperature dials calibrated in 10F (6C) increments
- Compatible with other Weller irons (see page 68) to give you flexibility
- UL and cUL listed, ESD safe
- Order DS200K to convert you Weller EC soldering station into a desoldering station



| Cat. No.         | UPC No.      | Description                                                                                              | Pack Wt. |      | Shelf Pack |
|------------------|--------------|----------------------------------------------------------------------------------------------------------|----------|------|------------|
|                  |              |                                                                                                          | lb       | kg   |            |
| <b>DS700M</b>    | 037103480583 | Desoldering station, 120V                                                                                | 5.40     | 2.45 | 1          |
| <b>DS1201ESD</b> | 037103591982 | Desoldering tool, DS700M                                                                                 | 0.70     | 0.31 | 1          |
| <b>DS700MD</b>   | 037103593931 | Desoldering station, 240V                                                                                | 5.50     | 2.50 | 1          |
| <b>DS229</b>     | 037103104045 | Desoldering head, threaded tiplets                                                                       | 0.20     | 0.09 | 1          |
| <b>EC234</b>     | 037103479747 | Heater assembly, DS1201ESD                                                                               | 0.06     | 0.02 | 1          |
| <b>DS205</b>     | 037103476531 | In-line filter, DS1201ESD and DS1203A                                                                    | 0.04     | 0.01 | 12         |
| <b>DS800</b>     | 037103593207 | Desoldering station, 120V                                                                                | 17.20    | 7.81 | 1          |
| <b>DS1203A</b>   | 037103086006 | Desoldering tool, DS800                                                                                  | 0.60     | 0.27 | 1          |
| <b>DS800D</b>    | 037103042217 | Desoldering station, 240V                                                                                | 17.80    | 8.09 | 1          |
| <b>DS229</b>     | 037103104045 | Desoldering head, threaded tiplets                                                                       | 0.20     | 0.09 | 1          |
| <b>DSH54</b>     | 037103593191 | Heater assembly, DS1203A                                                                                 | 0.04     | 0.02 | 12         |
| <b>DS200</b>     | 037103024671 | Soldering/Desoldering station w/EC1201A soldering iron, DS1204A desoldering tool, foot switch, and stand | 9.50     | 4.31 | 1          |
| <b>DS200K</b>    | 037103024695 | Desoldering kit w/DS1204A desoldering iron, foot switch, and stand                                       | 5.0      | 2.27 | 1          |
| <b>DS200D</b>    | 037103045911 | Soldering/desoldering station, 240V                                                                      | 9.80     | 4.45 | 1          |

**Packing List:** DS800 includes DS800 power unit, DS1203A desoldering iron, DS2010 stand assembly with TC205 sponge. DS700M includes DS700M power unit, DS1201 desoldering iron, DS110, DS112, DS114, and DS116 desoldering tiplets, P10 5/16" midget nutdriver. DS200 includes DEC1001 soldering/desoldering station, EC1201A soldering iron, DS1204A desoldering iron, pneumatic foot switch, PH2000 universal stand.

## Desoldering Stations 4024P / 2024P



4024P

### 4024P/4024IL Features & Benefits

- Self-contained with internal pump - no need for compressed air source
- Variable temperature, electronically controlled system - accurate and precise
- ESD safe to protect sensitive components
- Select pistol grip style (4024P) or in-line style (4024IL) to fit your needs
- 4000 series tiptlets listed on page 124
- UL and cUL listed

### 2024P/2024IL Features & Benefits

- Requires shop air supply
- Variable temperature, electronically controlled system - accurate and precise
- ESD safe to protect sensitive components
- Select pistol grip style (2024P) or in-line style (2024IL) to fit your needs
- 4000 series tiptlets listed on page 124
- UL and cUL listed

| Cat. No. | UPC No.      | Description                                                    | Pack Wt. |      | Shelf Pack |
|----------|--------------|----------------------------------------------------------------|----------|------|------------|
|          |              |                                                                | lb       | kg   |            |
| 2024P    | 037103088567 | Rework station, shop air, desoldering pistol, 120V             | 9.40     | 4.27 | 1          |
| 2024IL   | 037103088543 | Rework station, shop air, in-line desoldering iron, 120V       | 9.10     | 4.13 | 1          |
| 4024P    | 037103088550 | Rework station, self-contained, desoldering pistol, 120V       | 9.80     | 4.45 | 1          |
| 4024IL   | 037103088574 | Rework station, self-contained, desoldering in-line iron, 120V | 9.98     | 4.53 | 1          |

## Desoldering Stations 4624P / 4924P



4624P

### 4624P/4624IL Features & Benefits

- Self-contained soldering and desoldering system with internal pump - eliminates the need for shop air
- Variable temperature, electronically controlled system - accurate and precise
- ESD safe to protect sensitive components
- 4000 series desoldering tiptlets listed on page 124
- 9000 series soldering tips listed on page 114
- UL and cUL listed

### 4924P/4924IL Features & Benefits

- Self-contained soldering and desoldering system with internal pump - eliminates the need for shop air
- Variable temperature, electronically controlled system for both soldering and desoldering - accurate and precise
- ESD safe to protect sensitive components
- Desoldering vacuum switches to positive air flow for hot air applications
- 4000 series desoldering tiptlets listed on page 124
- 9000 series soldering tips listed on page 114

| Cat. No. | UPC No.      | Description                                                    | Pack Wt. |      | Shelf Pack |
|----------|--------------|----------------------------------------------------------------|----------|------|------------|
|          |              |                                                                | lb       | kg   |            |
| 4624P    | 037103088628 | Rework station, self-contained, desoldering pistol, 120V       | 10.80    | 4.90 | 1          |
| 4624IL   | 037103088635 | Rework station, self-contained, in-line desoldering iron, 120V | 10.65    | 4.84 | 1          |
| 4924P    | 037103088611 | Rework station, self-contained, desoldering pistol, 120V       | 17.90    | 8.13 | 1          |
| 4924IL   | 037103088598 | Rework station, self-contained, in-line desoldering iron, 120V | 18.65    | 8.47 | 1          |

# Desoldering Tools DS600 / SCD100

## DS600 Portable desoldering station Features & Benefits

- Self-contained unit has an internal vacuum pump - no need for shop air
- Vacuum controlled by convenient easy-to-use index finger push button
- Built-in carrying handle for easy portability
- Built-in iron holder
- Includes power unit, DS601P desoldering tool, nutdriver, Tiptet, and clean-out tool
- UL and cUL listed



DS600

## SCD100 Self-contained Desoldering Gun Features & Benefits

- Desoldering gun with a self-contained vacuum pump - perfect for field service/benchtop rework and repair
- Pump draws solder into a unique, disposable collector tube - just replace the tube when full
- Easy pull-out handle allow fast collector tube replacement
- Lightweight for easy handling
- Quiet pump operation
- Lighted power switch
- See tip listing in chart below
- UL and cUL listed



SCD100

| Station                  | SCD100           |
|--------------------------|------------------|
| Input Voltage            | 120V             |
| Temperature Range        | 800°F (427°C)    |
| Weight (Power unit only) | 3.0 LB (1.37 KG) |
| Pump Type                | Diaphragm        |
| Power Consumption        | 80W              |
| Heating Element Type     | Nichrome Wound   |
| Iron Cord Length         | 6' (1.8 m)       |
| Standard Tip             | SCD113           |

| Cat. No. | UPC No.      | Description                                     | Pack Wt. |      | Shelf Pack |
|----------|--------------|-------------------------------------------------|----------|------|------------|
|          |              |                                                 | lb       | kg   |            |
| DS600    | 037103478207 | Portable desoldering station, 120V              | 10.4     | 4.75 | 1          |
| DS601P   | 037103478689 | Desoldering pencil, external collection chamber | 0.60     | 0.27 | 1          |
| △ DS600D | 037103005250 | Portable desoldering station, 220V/240V         | 10.5     | 4.77 | 1          |
| SCD100   | 037103144089 | Self-contained desoldering gun, 120V            | 3.00     | 1.36 | 1          |
| SCD100D  | 037103147929 | Self-contained desoldering gun, 230v w/2 tubes  | 1.58     | 0.72 | 1          |
| SCD112   | 037103136381 | Desoldering tip, 0.9 mm, SCD100                 | 0.02     | 0.01 | 10         |
| SCD113   | 037103136398 | Desoldering tip, 1.2 mm, SCD100                 | 0.02     | 0.01 | 10         |
| SCD114   | 037103136374 | Desoldering tip, 1.8 mm, SCD100                 | 0.02     | 0.01 | 10         |
| SCD201   | 037103144096 | Disposable collection tube, SCD100              | 0.01     | 0.01 | 20         |

△ Made to order, contact customer service for delivery.

**Packing List:** Self-contained desoldering gun with SCD113 tiptet, Two SCD201 disposable collector tubes, 2002 tip clean-out tool, Four color box suitable for display



# BGA/QFP Rework and Repair WQB2000



The Weller WQB2000 is a reasonably priced machine capable of removal of BGA or fine pitch SMT devices without thermal or physical damage, precisely replacing a component in the proper position and reflowing the solder joints to complete the repair process with one system. Hot air temperature profiling is controlled by either pre-programmed or custom routines from a microprocessor controlled Process Control Module.

The precision hot gas/air assembly is used in conjunction with patented orientation templates to handle removal and placement without excessive setup changes. No expensive optical or video equipment is necessary.

The Process Control Module stores six parameters. The bottom-side preheater delivers convection heat to the PCB around the working area for safe rework.

Special nozzles (patent pending) with external sensor in the manifold guarantee uniform temperature inside the nozzle.

## Features & Benefits

- Weller microprocessor controlled temperature regulation of hot air to remove and reflow components without damage
- Utilizes patented orientation templates for highly accurate placement of fine pitch QFP or BGA components (most common configurations included)
- Built-in vacuum pick-up allows easy placement or removal of components
- May be used as a pick and place device as well as a hot gas reflow system
- Process Control Module stores six parameters: hot gas temperature; hot gas reflow rate; preheat temperature; preheat time 1; soak time 2 ; reflow time
- Bottom-side preheater delivers convection heat to the PCB
- Utilizes factory compressed air (60psi minimum@15CFM)
- Flexible, flat, accurate, stable base
- Adjustable board holding device which pin mounts to the base to allow removal of the board for repasting operation
- ESD safe to protect sensitive components

| Cat. No. | UPC No.      | Description             | Pack Wt. |      | Shelf Pack |
|----------|--------------|-------------------------|----------|------|------------|
|          |              |                         | lb       | kg   |            |
| WQB2000  | 037103137517 | BGA Rework system, 120V | 62.0     | 28.1 | 1          |

**Packing List:** WQBA microprocessor controlled hot gas power unit, WQB microprocessor controlled heat plate station, WQBC Process Control Module, Rework table with horizontal and vertical slide assembly, 6 Index Pins, Portable vacuum pen, Alignment square, Spatula, Accessory kit containing spacers, 2 different size vacuum nozzles, Kapton® tape, extra "O" rings, and extra rubber vacuum heads, Training kit containing 2 clear PCB boards, 1 BGA template, 1 BGA printing stencil, 1 QFP template, 1 QFP printing stencil, 1 BGA component, and 1 QFP component, 0051504999 nozzle exchange tool, XN100 light duty precision knife

# WQB1500 Print and Place Machine

The Weller WQB1500 print and place machine provides fast and accurate set-up, allowing you to place to .005" accuracy, thereby reducing rework. The WQB1500 is ideal for contract houses, OEM's, and for those working with boards that have a small amount of SMT components. With a stable base, precision ball-slide heads and its easy vacuum release operation, this system is also ideal for prototyping, small production runs and contract rework. Its patented stencils and locating templates allow for flexibility and quick set-up.

## Features & Benefits

- Utilizes patented orientation templates for highly accurate placement of fine pitch QFP or BGA components (most common configurations included)
- Built-in vacuum pick-up device allows easy placement or removal of components
- Utilizes factory compressed air (60psi minimum @ 15CFM)
- Flexible, flat, accurate, stable base
- Uses patented, easy to use alignment and printing templates - eliminates the need for expensive optical and video equipment and allows accurate, repeatable placement
- Modular head design with unique slide operation
- Two vacuum heads with push button release - optimizes printing and placing efficiency
- Accessory and training kits included - gives you everything you need to make the difficult process of printing and placement easy
- ESD safe to protect sensitive components



| Cat. No. | UPC No.      | Description                    | Pack Wt. |      | Shelf Pack |
|----------|--------------|--------------------------------|----------|------|------------|
|          |              |                                | lb       | kg   |            |
| WQB1500  | 037103137340 | BGA Print and Placement system | 35.0     | 15.9 | 1          |

**Packing List:** 6 Index Pins, 2 vacuum heads to optimize printing and placement, Portable vacuum pen, Alignment square, Spatula handle with interchangeable spatula sizes and knife blades, Accessory kit containing spacers, 2 different size vacuum nozzles, Kapton® tape, extra "O" rings, and extra rubber vacuum heads, Training kit containing 2 clear PCB boards, 1 BGA template, 1 BGA printing stencil, 1 QFP template, 1 QFP printing stencil, 1 BGA component, and 1 QFP component, XN100 light duty precision knife, Instruction manual

# WQB1000 Placement Machine



The Weller WQB1000 provides low cost placement of fine pitch Quad Flat Pack (QFP) Ball Grid Array (BGA) components on circuit boards. Much more accurate and repeatable than hand placement.

The WQB1000 can be used by contract houses, OEM's and those who only have a small amount of fine pitch or BGA components on each board. Ideal for prototyping, small production runs or contract work. The system allows for flexibility in board and component size. Allows users to place accurately to .005" accuracy and reduce rework.

## Features & Benefits

- Utilizes patented orientation templates for highly accurate placement of fine pitch QFP or BGA components (most common configurations included)
- Built-in vacuum picking device allows easy placement or removal of components
- Utilizes factory compressed air (60psi minimum @ 15CFM)
- Flexible, flat, accurate, stable base
- Uses patented, easy to use alignment templates - eliminates the need for expensive optical and video equipment and allows accurate, repeatable placement
- Modular head design with unique slide operation
- Vacuum head with push button release - optimizes placement efficiency
- Adjustable tooling pins require no hard tooling or fixtures
- ESD safe to protect sensitive components

| Cat. No. | UPC No.      | Description          | Pack Wt. |       | Shelf Pack |
|----------|--------------|----------------------|----------|-------|------------|
|          |              |                      | lb       | kg    |            |
| WQB1000  | 037103137241 | BGA Placement system | 30.00    | 13.63 | 1          |

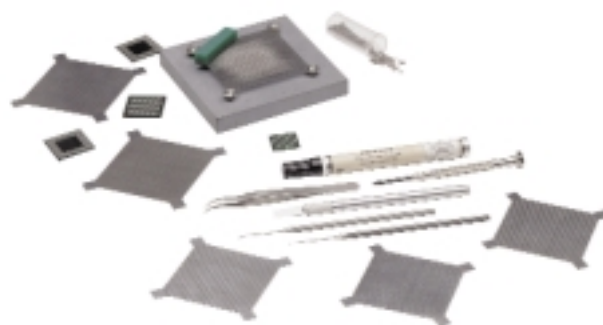
**Packing List:** 6 Index Pins, Vacuum head to optimize printing and placement, Portable vacuum pen, Alignment square, 10 templates (7 QFP and 3 BGA), Accessory kit containing spacers, 2 different size vacuum nozzles, Kapton® tape, extra "O" rings, and extra rubber vacuum heads, Training kit containing 2 clear PCB boards, 1 BGA template, 1 QFP template, 1 BGA component, and 1 QFP component, Instruction manual



# WPRB1000 Reballing Kit

The Weller WPRB1000 offers a convenient and inexpensive way to replace balls on plastic Ball Grid Array (BGA) components. This kit allows customers to renew the solder balls on plastic BGA components without sending them back to the factory. BGA's can be rebuilt using either of two methods: eutectic solder paste or eutectic solder balls. BGA components are completely re-balled to original condition regardless of how many balls are missing. Proprietary precision screening/positioning templates ensure critical ball placement when using the replacement solder ball method.

The same templates are able to be used with solder paste. The etched templates have been designed so that, by using hot air, the paste is transformed into dimensionally correct solder balls which are positioned perfectly on the BGA component. Customers would use a separate Weller temperature controlled hot air rework tool/station in conjunction with this kit.



## Features & Benefits

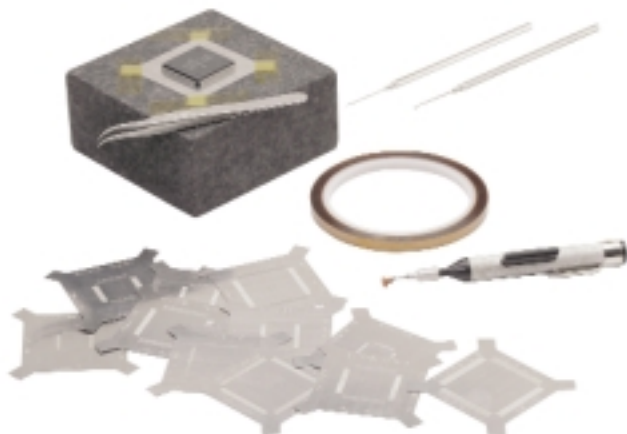
- Utilizes patented screening/positioning templates which are available for most common sizes (6 templates included)
- Kit includes everything you need to re-ball damaged plastic BGA components (kit used with Weller hot air reworks stations)
- Rugged wood storage box included to protect kit contents when not in use
- BGA template clamping fixture allows you to secure the template and component while reballing

| Cat. No.        | UPC No.      | Description                            | Pack Wt. |      | Shelf Pack |
|-----------------|--------------|----------------------------------------|----------|------|------------|
|                 |              |                                        | lb       | kg   |            |
| <b>WPRB1000</b> | 037103137289 | BGA reballing kit                      | 5.00     | 2.27 | 1          |
| <b>WPRB100S</b> | 037103137258 | Template, 1.00 mm, staggered, WPRB1000 | 0.141    | 0.06 | 1          |
| <b>WPRB100F</b> | 037103137265 | Template, 1.00 mm, full, WPRB1000      | 0.141    | 0.06 | 1          |
| <b>WPRB127S</b> | 037103137296 | Template, 1.27 mm, staggered, WPRB1000 | 0.141    | 0.06 | 1          |
| <b>WPRB127F</b> | 037103137302 | Template, 1.27 mm, Full, WPRB1000      | 0.141    | 0.06 | 1          |
| <b>WPRB150S</b> | 037103137326 | Template, 1.50 mm, staggered, WPRB1000 | 0.141    | 0.06 | 1          |
| <b>WPRB150F</b> | 037103137333 | Template, 1.50 mm, full, WPRB1000      | 0.141    | 0.06 | 1          |
| <b>B510CH</b>   | 037103152336 | Vial of 10,000 eutectic solder balls   | 0.10     | 0.04 | 1          |

**Packing List:** Six templates for both staggered and full matrix BGA components (see list above), Vial of 10,000 eutectic solder balls, BGA template clamping fixture, Straight probe, Bent probe, Tweezers, Hex Driver, Spatula, Squeegee, Flux pen, Kapton® tape, Dummy BGA component, Wood storage box, Instruction manual.

Kapton® is a registered Trademark of DuPont.

# WLSK1000 QFP Lead Repair Kit



The Weller WLSK1000 offers a convenient and easy to use kit to repair bent and deformed leads on gull wing Quad Flat Pack components.

Using this system of lead straightening the customer can correct problems and recover components which would otherwise be lost. Leads are straightened by hand using the included probes, tweezers, granite surface plate and patented precision alignment templates.

Components are positioned over the appropriate template and probe/tweezers are used to manually place bent leads into the correct depression in the template. The surface plate is used to provide a stable work surface and to ensure coplanarity after the leads are aligned properly.

## Features & Benefits

- Patented precision alignment templates make it easy to manually reshape the leads into the correct position  
Assortment of commonly used templates included
- Lab grade granite surface plate is durable and provides a level work surface
- Two different lead straightening probes allow you to handle all lead sizes
- Vacuum pick up tool allows for easy and safe handling of QFP's
- Rugged wood storage box protects kit contents
- A wide range of template sizes are available

| Cat. No. | UPC No.      | Description                | Pack Wt. |      | Shelf Pack |
|----------|--------------|----------------------------|----------|------|------------|
|          |              |                            | lb       | kg   |            |
| WLSK1000 | 037103133731 | QFP lead straightening kit | 6.50     | 2.95 | 1          |
| WLSK200  | 037103139634 | Vacuum pickup tool         | 0.113    | 0.05 | 1          |

**Packing List:** Seven templates for many common QFP's, 2 lead straightening probes, Precision Tweezers, Vacuum pickup tool, Kapton® tape, Wood storage box, Instruction manual

Kapton® is a registered trademark of DuPont

# Hot Air Rework Stations WHA300 / WHA2000

## WHA300 Features & Benefits

- Self-contained low cost hot air station with 700 watts of heating power to handle most bench top rework jobs
- Extremely compact size uses less space on your rework bench
- Temperature and air flow are controlled on the front panel - allows you to make settings quickly and easily
- Air flow can be activated by either a finger switch on the hand piece or via an optional footswitch
- Built-in hand piece holder saves bench space
- A complete listing of available nozzles can be found on page 117 (NOZZLE NOT INCLUDED)
- Ideal for use with Weller WPRB1000 BGA reballing kit (page 87)

## WHA2000 Features & Benefits

- High performance, self-contained hot air rework station with 750 watt handpiece - can handle more demanding rework applications
- Electronic control allows you to precisely control hot air temperature - allows process control to avoid thermal stress on sensitive components
- Hand piece has built-in vacuum pickup - eliminates guesswork when chip is ready for removal
- Vacuum is activated by foot switch
- Adapter allow the use of nozzles from other manufactures
- Complete range of nozzles available - see page 117
- Ideal for use with Weller WLSK1000 QFP lead repair kit for reinstallation of component to PCB (page 88) and WPRB1000 BGA reballing kit (page 87)
- ESD safe to protect sensitive components



| Station                  | WHA300                                              | WHA2000                                             |
|--------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Input Voltage            | 120V                                                | 120V                                                |
| Output Voltage           | 120V                                                | 120V                                                |
| Power Consumption        | 800W                                                | 820W                                                |
| Temperature Range        | 122°F - 1022°F (50°C - 550°C)                       | 122°F - 1022°F (50°C - 550°C)                       |
| Footprint                | 5.13 DIA X 8.5 IN (130 - 216 mm)                    |                                                     |
| Weight (Power unit only) | 9 LB (4.1 KG)                                       | 20.35 LB (9.26 KG)                                  |
| Pump Type                | Turbine                                             | Turbine                                             |
| Air Flow Volume          | 10 l/min - 50 l/min                                 | 10 l/min - 50 l/min                                 |
| Temperature Accuracy     | +/-86°F (55°C)                                      | +/-86°F (55°C)                                      |
| Temperature Stability    | N/A                                                 | N/A                                                 |
| ESD Safe?                | NO                                                  | YES                                                 |
| Heating Element Type     | Nichrome wound,<br>Fiberglass and ceramic insulated | Nichrome wound,<br>Fiberglass and ceramic insulated |

| Cat. No.          | Order * No. | UPC No.      | Description                          | Pack Wt. |       | Shelf Pack |
|-------------------|-------------|--------------|--------------------------------------|----------|-------|------------|
|                   |             |              |                                      | lb       | kg    |            |
| <b>WHA300</b>     | 0053321299  | 037103133069 | Self-contained hot air station, 120V | 9.00     | 4.09  | 1          |
| <b>WHA2000</b>    | 0053305299  | 037103107244 | Self-contained hot air station, 120V | 20.35    | 9.25  | 1          |
| <b>0058739740</b> | 0058739740  | 037103127327 | Manual remote control                | 0.253    | 0.11  | 1          |
| <b>0053606099</b> | 0053606099  | 037103123411 | Foot pedal                           | 1.133    | 0.551 | 1          |
| <b>0051504999</b> | 0051504999  | 037103132710 | Nozzle exchange tool                 | 0.067    | 0.03  | 1          |

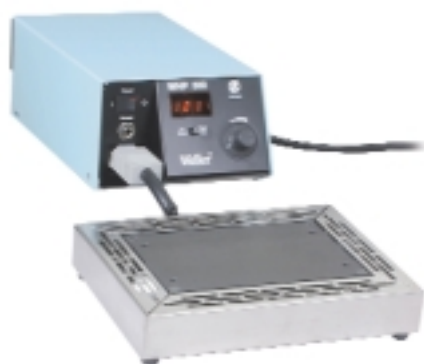
\* Please use order number for inquiries and when ordering.

## WHA700 / WHP300



## WHA700 Hot Air Rework Stations Features &amp; Benefits

- Requires shop air supply
- Electronic control allows you to precisely control hot air temperature - allows process control to avoid thermal stress on sensitive components
- Hand piece has built-in vacuum pickup - eliminates guesswork when chip is ready for removal
- Adapter allows the use of nozzles from other manufactures
- Complete range of nozzles available - see page 117
- Ideal for use with Weller WLSK1000 QFP lead repair kit for re-installation of component to PCB (page 88) and WPRB1000 BGA Reballing kit (page 87)
- Six nozzle support and nozzle exchange tool sold separately
- ESD safe to protect sensitive components



## WHP300 Heating Plate Features &amp; Benefits

- Temperature controlled - gives you precise control over your preheating process
- Digital display gives you an accurate readout for both set and read temperatures
- Temperature range is 122°F - (550°F (50°C - 300°C)) - allows safe preheating for sensitive boards and components
- Heating surface is 3.94" X 6.30" (10.0 cm X 16.0 cm)
- Output is 300 Watts
- ESD safe to protect sensitive components

| Station               | WHA700                        | Iron                 |                                                  |
|-----------------------|-------------------------------|----------------------|--------------------------------------------------|
| Input Voltage         | 120V                          | Power Consumption    | 800W                                             |
| Output Voltage        | 120V                          | Heating Element Type | Nichrome wound, fiberglass and ceramic insulated |
| Power Consumption     | 820W                          | ESD Safe?            | Yes                                              |
| Temperature Range     | 122°F - 1022°F (50°C - 550°C) | Standard Nozzle      | N/A                                              |
| Air Flow Volume       | 10 l/min - 50 l/min           | Iron Stand           | 0051504599                                       |
| Temperature Accuracy  | +/-86°F (55°C)                |                      |                                                  |
| Temperature Stability | N/A                           |                      |                                                  |
| ESD Safe?             | Yes                           |                      |                                                  |

| Cat. No.   | Order * No. | UPC No.      | Description                  | Pack Wt. lb | kg   | Shelf Pack |
|------------|-------------|--------------|------------------------------|-------------|------|------------|
| WHA700     | 0053314299  | 037103129666 | Hot air rework station, 120V | 11.78       | 5.35 | 1          |
| Δ WHA700D  | 0053314699  | 037103130792 | Hot air rework station, 230V | 11.75       | 5.34 | 1          |
| 0058739740 | 0058739740  | 037103127327 | Manual remote control        | 0.253       | 0.11 | 1          |
| 0053606099 | 0053606099  | 037103123411 | Foot pedal                   | 1.133       | 0.51 | 1          |
| 0051504999 | 0051504999  | 037103132710 | Nozzle exchange tool         | 0.067       | 0.03 | 1          |
| WHP300     | 0053306299  | 037103127143 | Heat plate, 120V             | 12.787      | 5.81 | 1          |
| Δ WHP300D  | 0053306699  | 037103130846 | Heat plate, 230V             | 12.787      | 5.81 | 1          |

\* Please use order number for inquiries and when ordering.

Δ Made to order, contact customer service for delivery.

**Packing List:** WHA700 hot air rework station with 700 watt handpiece, 0051504599 hand piece stand, Hex screwdriver, Complete instruction, NOZZLE NOT INCLUDED.

# SMT Rework Stations WRS1001 / WRS2000

## WRS1001 Features & Benefits

- Completely Self-contained - no need for shop air
- Digital process control with accurate, easy to read digital LED display.
- Compatible with select Weller soldering, hot air, and desoldering irons. A variety of tasks can be performed with one easy to use station
- Integrated microprocessor automatically recognizes Weller soldering and desoldering irons - no need for special adjustments.
- Also available as a stand alone control unit - create your own system using one of the optional soldering or desoldering tools.
- Full range of hot air nozzles available
- ESD safe to protect sensitive components



## WRS2000 Features & Benefits

- Multi-function, electronically controlled hot gas rework station
- Multiple SMD functions in one unit:
- Vacuum pick-up tool for picking and placing components
- Dispenser for solder paste, flux, or adhesives
- Hot air pencil for soldering and hot air removal
- Utilizes inert gas or compressed air source
- Timer on front panel allows solder paste dispensing in regular intervals
- All functions can be activated using the manual remote control
- Will accommodate optional Weller soldering and desoldering irons up to 80 watts
- ESD safe to protect sensitive components
- A complete selection of hot air nozzles may be found on page 117



| Station                  | WRS1001                                                                        | WRS2000                                             |
|--------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------|
| Input Voltage            | 120V                                                                           | 120V                                                |
| Output Voltage           | 24V                                                                            | 24V                                                 |
| Power Consumption        | 175W                                                                           | 130W                                                |
| Temperature Range        | Hot Air 300°F - 980°F (149°C - 511°C) Sold/Desold 150°F - 850°F (66°C - 454°C) | 300°F - 1000°F (149°C - 538°C)                      |
| Footprint                | 9.5 X 10.6 X 4.1 IN (241 X 269 X 104 mm)                                       | 9.5 X 10.6 X 4.25 IN (241 X 269 X 108 mm)           |
| Weight (Power unit only) | 12.9 LB (5.85 KG)                                                              | 16.0 LB (7.28 KG)                                   |
| Pump Type                | Rotary Vane                                                                    | Compressed Air/Nitrogen Required                    |
| Vacuum Pressure          | 20.7" (526 mm) Hg                                                              | N/A                                                 |
| Air Flow Volume          | 1 l/min - 10 l/min                                                             | 1 l/min - 10 l/min                                  |
| Temperature Accuracy     | Sold/Desold +/- 16°F (10°C) Hot air +/- 50°F (30°C)                            | Sold/Desold +/- 16°F (10°C) Hot air +/- 50°F (30°C) |
| Temperature Stability    | +/- 10°F (6°C)                                                                 | +/- 10°F (6°C)                                      |
| ESD Safe?                | Yes                                                                            | Yes                                                 |
| Iron                     | HAP1                                                                           | HAP1                                                |
| Power Consumption        | 100W                                                                           | 100W                                                |
| Heating Element Type     | Nichrome wound, fiberglass and ceramic insulated                               | Nichrome wound, fiberglass and ceramic insulated    |
| Iron Cord Length         | 4 FT (1.22 M)                                                                  | 4 FT (1.22 M)                                       |
| ESD Safe?                | Yes                                                                            | Yes                                                 |
| Standard Tip             | 0058727099                                                                     | 0058727099                                          |
| Iron Stand               | 0051502799 (KH27)                                                              | 0051502799 (KH27)                                   |

| Cat. No.          | Order * No. | UPC No.      | Description                                                                                                 | Pack Wt. lb | Pack Wt. kg | Shelf Pack |
|-------------------|-------------|--------------|-------------------------------------------------------------------------------------------------------------|-------------|-------------|------------|
| <b>WRS1001</b>    | WRS1001     | 037103141781 | Rework station w/HAP1 hot air pencil and stand, 120V                                                        | 12.85       | 5.84        | 1          |
| Δ <b>WRS1001D</b> | WRS1001D    | 037103141798 | Rework station w/HAP1 hot air pencil and stand, 230V                                                        | 12.85       | 5.84        | 1          |
| <b>HAP1</b>       | HAP1        | 037103088314 | Hot air pencil, stand, 1.2 mm nozzle                                                                        | 1.896       | 0.86        | 1          |
| <b>WRS2000</b>    | WRS2000     | 037103125460 | Rework station w/HAP1 hot air pencil vacuum pick-up, dispensing, manual remote control, foot pedal & stands | 16          | 7.3         | 1          |

\* Please use order number for inquiries and when ordering.

Δ Made to order, contact customer service for delivery.

**WRS1001 Packing List:** 0053323299 control unit, HAP1 100 watt hot air pencil with finger switch with 0058727059 1.2mm diameter hot air nozzle, 0051502799 iron stand and sponge, P8MM nutdriver, Complete instructions and tech sheet

**WRS2000 Packing List:** WRS2000 power unit, HAP1 100 watt hot air pencil with finger switch with 0058727059 1.2mm diameter hot air nozzle, 0051502799 iron stand and sponge, 0053604399 solder paste dispenser, 0053312899 vacuum pick-up tool, 0051505299 combined support for dispenser and vacuum pick-up tool, 0051312099 foot switch, 0058739740 manual remote control, P8MM nutdriver, Solder paste, Compressed air tube, 2 m long, 6 mm diameter, Complete instructions and tech sheet



# Silver Series Hot Air Rework Station - WAD100



## Features & Benefits:

- Features digital process control for exact temperature set - give you control over the process
- Compact design ideal for reflow soldering, desoldering, and rework in series production of SMT components
- Electronically controlled power unit allows adjustable temperature of low voltage pencil
- Requires compressed nitrogen or shop air
- Air flow actuated by a finger switch on the hot air pencil
- Gas flow is adjustable using knob on the side of the power unit
- Supports the WSP80 Silver Series soldering pencil as well as other Weller soldering irons
- Complete range of nozzles available - see page 117
- ESD safe to protect sensitive components
- Programmable using the optional WCB1 calibration unit- allows for temperature lock-out (process control), temperature set-back (extended tip life) and degrees F to degrees C conversion
- UL and cUL listed

| Station                  | WAD100                               | Iron                 | HAP1                                             |
|--------------------------|--------------------------------------|----------------------|--------------------------------------------------|
| Input Voltage            | 120V                                 | Power Consumption    | 100W                                             |
| Output Voltage           | 24V                                  | Heating Element Type | Nichrome wound, fiberglass and ceramic insulated |
| Power Consumption        | 100W                                 | Iron Cord Length     | 4 FT (1.22 M)                                    |
| Temperature Range        | 122°F - 1022°F / 50°C - 550°C        | ESD Safe?            | Yes                                              |
| Footprint                | 4.5 X 5.9 X 3.6 IN 114 X 150 X 91 mm | Standard Tip         | 0058727099                                       |
| Weight (Power unit only) | 7.6 LB (3.46 KG)                     | Iron Stand           | 0051502799 (KH27)                                |
| Air Flow Volume          | 1 l/min - 6 l/min                    |                      |                                                  |
| Temperature Accuracy     | +/-50°F (30°C)                       |                      |                                                  |
| Temperature Stability    | N/A                                  |                      |                                                  |
| ESD Safe?                | Yes                                  |                      |                                                  |

| Cat. No. | Order * No. | UPC No.      | Description                      | Pack Wt. |      | Shelf Pack |
|----------|-------------|--------------|----------------------------------|----------|------|------------|
|          |             |              |                                  | lb       | kg   |            |
| WAD100   | 0053146299  | 037103165503 | Hot Air Station, Shop Air, 100 w | 13.70    | 6.21 | 1          |

\* Please use order number for inquiries and when ordering.

**WAD100 Packing List:** WDD100 power unit, HAP1 100 watt hot air pencil with finger switch with 0058727059 1.2mm diameter hot air nozzle, 0051502799 iron stand and sponge, compressed air tube, 2m long, 6mm diameter, P8MM midget nutdriver



# WRS3000, WRS3000S, WRS3000ST

## WRS3000, WRS3000S, WRS3000ST Features & Benefits

- Self-contained triple channel SMT rework station handles rework and repair of mixed technology boards
- Operates three tools simultaneously (eg. soldering, desoldering, hot plate hot air, thermal tweezers, or thermal stripper) which gives you flexibility. The microprocessor automatically recognizes each tool and activates the operation parameters accordingly
- 300 watts of total power over three independently controlled channels
- Built-in pump provides both air and vacuum
- Built-in microprocessor with digital read-out gives you complete accuracy and reliability
- Temperature set-back: can be programmed with the built-in timer from 5 to 60 minutes in 5 minute intervals
- Air flow for the hot air tool and vacuum for desoldering are activated either by a finger switch on the tool or an optional foot switch
- A vacuum gauge on the front panel monitors the flow of air through the desoldering tool. A high reading indicates buildup of solder in the desoldering tool. A low reading indicates the need to change the air filter.
- Lock-out key to maintain process control for set parameters
- Available in three configurations to fit your varying needs:



- WRS3000 - control unit only. Select from Weller soldering, desoldering, tweezer, or thermal stripper
- WRS3000S - control unit with DS1204AP 54 watt high performance soldering iron, 100w HAP1 hot gas pencil, DS58 60 watt desoldering iron, and stands
- WRS3000ST - control unit with DS1204AP 54 watt high performance soldering iron, HAP1 hot gas pencil, DS58 desoldering iron, WT50 thermal tweezer, and stands
- Full range of soldering, desoldering, hot air, and tweezer tips and nozzles available
- Will accommodate optional select Weller soldering and desoldering irons
- ESD safe to protect sensitive components

| Station                  | WRS3000                                                                        |                         |               |                                                  |           |
|--------------------------|--------------------------------------------------------------------------------|-------------------------|---------------|--------------------------------------------------|-----------|
| Input Voltage            | 120                                                                            |                         |               |                                                  |           |
| Output Voltage           | 24V                                                                            |                         |               |                                                  |           |
| Power Consumption        | 300W                                                                           |                         |               |                                                  |           |
| Temperature Range        | Hot Air 300°F - 980°F (149°C - 511°C) Sold/Desold 150°F - 850°F (66°C - 454°C) |                         |               |                                                  |           |
| Footprint                | 9.5 X 10.6 X 4.1 IN (241 X 269 X 104 mm)                                       |                         |               |                                                  |           |
| Weight (Power unit only) | 22 LB (10 KG)                                                                  |                         |               |                                                  |           |
| Pump Type                | Rotary Vane                                                                    |                         |               |                                                  |           |
| Vacuum Pressure          | "20.7" (526 mm) Hg"                                                            |                         |               |                                                  |           |
| Noise Level              | 0                                                                              |                         |               |                                                  |           |
| Air Flow Volume          | 1 l/min - 10 l/min                                                             |                         |               |                                                  |           |
| Temperature Accuracy     | Sold/Desold +/- 16°F (10°C) Hot air +/- 50°F (30°C)                            |                         |               |                                                  |           |
| Temperature Stability    | +/- 10°F (6°C)                                                                 |                         |               |                                                  |           |
| ESD Safe?                | Yes                                                                            |                         |               |                                                  |           |
| Station                  | WRS3000                                                                        | WRS3000S(T)             | WRS3000S(T)   | WRS3000S(T)                                      | WRS3000ST |
| Iron                     | N/A                                                                            | EC1204A                 | DS58          | HAP1                                             | WT50      |
| Power Consumption        | N/A                                                                            | 54W                     | 60W**         | 100W                                             | 50W       |
| Heating Element Type     | N/A                                                                            | Nichrome Wound, Plug In | Ceramic (PTC) | Nichrome wound, fiberglass and ceramic insulated |           |
| Iron Cord Length         | N/A                                                                            | 4 FT (1.22 M)           | 4 FT (1.22 M) | 4 FT (1.22 M)                                    |           |
| ESD Safe?                | N/A                                                                            | Yes                     | Yes           | Yes                                              | Yes       |
| Standard Tip             | N/A                                                                            | ETA                     | 4006          | 0058727099                                       |           |
| Iron Stand               | N/A                                                                            | PH1201ESD               |               | 0051502799 (KH27)                                |           |

\*\*Nominal Wattage

| Cat. No.  | Order * No. | UPC No.      | Description                                             | Pack Wt. |       | Shelf Pack |
|-----------|-------------|--------------|---------------------------------------------------------|----------|-------|------------|
|           |             |              |                                                         | lb       | kg    |            |
| WRS3000   | 0053302299  | 037103088642 | WRS3000 control unit only, no tools, 120V               | 12.20    | 5.55  | 1          |
| WRS3000S  | WRS3000S    | 037103097590 | Rework station w/HAP1, DS58, EC1204AP, WSS1, 120V       | 22.00    | 10.00 | 1          |
| WRS3000ST | WRS3000ST   | 037103152114 | Rework station w/HAP1, DS58, EC1204AP, WT50, WSS1, 120V | 23.20    | 10.45 | 1          |

\* Please use order number for inquiries and when ordering.

## WRS4000



## WRS4000 Features:

- Self-contained
- Closed Loop Controlled handpieces
- Microprocessor Controlled accuracy
- Digital Display; Lock-Out Equipped
- Temperature Set-Back
- Separate control of air flow rate, time and temperature
- Three independently controlled channels
- Burn Resistant Cords
- F/C degree selector
- Full range of tips for rework and repair available.
- Hot Air and Desoldering Applications can be run without any separate switching
- Heated SMD Tweezers
- Temperature Range 350°F - 850°F

| WRS4000                  |                                                                                |                                                   |                                                                                |                |
|--------------------------|--------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------|----------------|
| Station                  | WRS1001                                                                        |                                                   | WRS3000                                                                        |                |
| Input Voltage            | 120V                                                                           |                                                   | 120V                                                                           |                |
| Output Voltage           | 24V                                                                            |                                                   | 24V                                                                            |                |
| Power Consumption        | 175W                                                                           |                                                   | 300W                                                                           |                |
| Temperature Range        | Hot Air 300°F - 980°F (149°C - 511°C) Sold/Desold 150°F - 850°F (66°C - 454°C) |                                                   | Hot Air 300°F - 980°F (149°C - 511°C) Sold/Desold 150°F - 850°F (66°C - 454°C) |                |
| Footprint                | 9.5 X 10.6 X 4.1 IN (241 X 269 X 104 mm)                                       |                                                   | 9.5 X 10.6 X 4.1 IN (241 X 269 X 104 mm)                                       |                |
| Weight (Power unit only) | 12.9 LB (5.85 KG)                                                              |                                                   | 12 lb (5.5 kg)                                                                 |                |
| Pump Type                | Rotary Vane                                                                    |                                                   | Rotary Vane                                                                    |                |
| Vacuum Pressure          | 20.7" (526 mm) Hg                                                              |                                                   | 20.7" (526 mm) Hg                                                              |                |
| Noise Level              | 0                                                                              |                                                   | 0                                                                              |                |
| Air Flow Volume          | 1 l/min - 10 l/min                                                             |                                                   | 1 l/min - 10 l/min                                                             |                |
| Temperature Accuracy     | Sold/Desold +/- 16°F (10°C) Hot air +/- 50°F (30°C)                            |                                                   | Sold/Desold +/- 16°F (10°C) Hot air +/- 50°F (30°C)                            |                |
| Temperature Stability    | +/- 10°F (6°C)                                                                 |                                                   | +/- 10°F (6°C)                                                                 |                |
| ESD Safe?                | Yes                                                                            |                                                   |                                                                                |                |
| Iron                     | EC1204A                                                                        | DS58                                              | HAP1                                                                           | WT50           |
| Line Voltage             |                                                                                |                                                   |                                                                                |                |
| Power Consumption        | 54W                                                                            | 60W*                                              | 100W                                                                           | 50W            |
| Heating Element Type     | Nichrome Wound, Plug In                                                        | Ceramic (PTC)<br>fiberglass and ceramic insulated | Nichrome wound,<br>fiberglass and ceramic insulated                            | Nichrome wound |
| Iron Cord Length         | 4 FT (1.22 M)                                                                  | 4 FT (1.22 M)                                     | 4 FT (1.22 M)                                                                  | 4 FT (1.22 M)  |
| ESD Safe?                | Yes                                                                            | Yes                                               | Yes                                                                            | Yes            |
| Standard Tip             | 0                                                                              | 0                                                 | 0058727099                                                                     |                |
| Iron Stand               | 0                                                                              | 0                                                 | 0051502799 (KH27)                                                              |                |

\*Nominal wattage

| Cat. No. | Order No. | UPC No.      | Description                         | Pack Wt. |       | Shelf Pack |
|----------|-----------|--------------|-------------------------------------|----------|-------|------------|
|          |           |              |                                     | lb       | kg    |            |
| WRS4000  | WRS4000   | 037103131911 | Rework station, four function, 120V | 35.00    | 15.91 | 1          |

## WRS5000 Features &amp; Benefits

- Five function SMT rework station handles rework and repair of mixed technology boards: Soldering, Desoldering, Hot air, Thermal tweezers, Dispensing
- Vacuum pick-up
- Self-contained desoldering and hot air
- Shop air required for dispensing and vacuum pick-up
- Operates up to five tools simultaneously which gives you flexibility. The microprocessor automatically recognizes each tool and activates the operation parameters accordingly
- 430 watts of total power over four independently controlled channels
- Built-in microprocessor with digital read-out gives you complete accuracy and reliability
- Temperature set-back: can be programmed with the built-in timer from 5 to 60 minutes in 5 minute intervals
- Timer on front panel allows solder paste dispensing in regular intervals
- Air flow for the hot air tool and vacuum for desoldering are activated either by a finger switch on the tool or included foot switch
- A vacuum gauge on the front panel monitors the flow of air through the desoldering tool. A high reading indicates buildup of solder in the desoldering tool. A low reading indicates the need to change the air filter.
- Full range of soldering, hot air, desoldering, and tweezer tips and nozzles available
- Lock-out key to maintain process control for set parameters
- Will accommodate optional select Weller soldering and desoldering irons
- ESD safe to protect sensitive components



| WRS5000                  |                                                                           |               |                                                                                |                                                  |
|--------------------------|---------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------|--------------------------------------------------|
| Station                  | WRS2000                                                                   |               | WRS3000                                                                        |                                                  |
| Input Voltage            | 120V                                                                      |               | 120V                                                                           |                                                  |
| Output Voltage           | 24V                                                                       |               | 24V                                                                            |                                                  |
| Power Consumption        | 130W                                                                      |               | 300W                                                                           |                                                  |
| Temperature Range        | 300°F - 980°F (149°C - 511°C) Sold./Desold. 300°F - 850°F (149°C - 454°C) |               | Hot Air 300°F - 980°F (149°C - 511°C) Sold/Desold 150°F - 850°F (66°C - 454°C) |                                                  |
| Footprint                | 9.5 X 10.6 X 4.25 IN (241 X 269 X 108 mm)                                 |               | 9.5 X 10.6 X 4.1 IN (241 X 269 X 104 mm)                                       |                                                  |
| Weight (Power unit only) | 16.0 LB (7.28 KG)                                                         |               | 12 lb (5.5 kg)                                                                 |                                                  |
| Pump Type                | Compressed Gas Required                                                   |               | Rotary Vane                                                                    |                                                  |
| Vacuum Pressure          | N/A                                                                       |               | "20.7" (526 mm) Hg"                                                            |                                                  |
| Noise Level              | N/A                                                                       |               | 0                                                                              |                                                  |
| Air Flow Volume          | +/- 10°F (6°C)                                                            |               | +/- 10°F (6°C)                                                                 |                                                  |
| Temperature Accuracy     | Sold/Desold +/- 16°F (10°C) Hot air +/- 50°F (30°C)                       |               | Sold/Desold +/- 16°F (10°C) Hot air +/- 50°F (30°C)                            |                                                  |
| Temperature Stability    | +/- 10°F (6°C)                                                            |               | +/- 10°F (6°C)                                                                 |                                                  |
| ESD Safe?                | Yes                                                                       |               | Yes                                                                            |                                                  |
| Iron                     | EC1204A                                                                   | DS58          | HAP1                                                                           | WT50                                             |
| Power Consumption        | 54W                                                                       | 60W*          | 100W                                                                           | 50W                                              |
| Heating Element Type     | Nichrome Wound, Plug In                                                   | Ceramic (PTC) | Nichrome wound, fiberglass and ceramic insulated                               | Nichrome wound, fiberglass and ceramic insulated |
| Iron Cord Length         | 4 FT (1.22 M)                                                             | 4 FT (1.22 M) | 4 FT (1.22 M)                                                                  | 4 FT (1.22 M)                                    |
| ESD Safe?                | Yes                                                                       | Yes           | Yes                                                                            | Yes                                              |
| Standard Tip             | ETA                                                                       | 4006          | 0058727099                                                                     |                                                  |
| Iron Stand               | 0                                                                         |               | 0051502799 (KH27)                                                              |                                                  |

\*Nominal Wattage

| Cat. No. | Order No. | UPC No.      | Description                         | Pack Wt. |       | Shelf Pack |
|----------|-----------|--------------|-------------------------------------|----------|-------|------------|
|          |           |              |                                     | lb       | kg    |            |
| WRS5000  | WRS5000   | 037103131935 | Rework station, five function, 120V | 33.00    | 15.00 | 1          |

## WRS7000



## Features &amp; Benefits

- Seven function SMT rework station handles the most demanding rework of mixed technology boards: Soldering, Desoldering, Small hot air pencil (low wattage - 100w), Large hot air pencil (high wattage 750w), Thermal tweezers, Dispensing, Vacuum pick-up
- Self-contained desoldering and hot air
- Shop air required for dispensing and vacuum pick-up
- Operates up to seven tools simultaneously which gives you flexibility. The microprocessor automatically recognizes each tool and activates the operation parameters accordingly
- Large hot air hand piece has built-in vacuum pick-up - eliminates guesswork when chip is ready for removal
- Temperature set-back: can be programmed with the built-in timer from 5 to 60 minutes in 5 minute intervals (WRS3000 only)
- Timer on front panel allows solder paste dispensing in regular intervals (WRS2000 only)
- A vacuum gauge on the front panel monitors the flow of air through the desoldering tool.
- Full range of soldering, hot air, desoldering, and tweezer tips and nozzles available - nozzles adapter allow the use of nozzles from other manufacturers
- Lock-out key to maintain process control for set parameters (WRS3000 only)
- Will accommodate optional Weller soldering and desoldering irons
- ESD safe to protect sensitive components

| WRS7000                  |                             |                                           |                                                                                |                         |                                                  |
|--------------------------|-----------------------------|-------------------------------------------|--------------------------------------------------------------------------------|-------------------------|--------------------------------------------------|
| Station                  | WHA2000                     | WRS2000                                   | WRS3000                                                                        |                         |                                                  |
| Input Voltage            | 120V                        | 120V                                      | 120V                                                                           |                         |                                                  |
| Output Voltage           | 120V                        | 24V                                       | 24V                                                                            |                         |                                                  |
| Power Consumption        | 750W                        | 130W                                      | 300W                                                                           |                         |                                                  |
| Temperature Range        | 122°F - 1022°F 50°C - 550°C | 300°F - 1000°F (149°C - 538°C)            | Hot Air 300°F - 980°F (149°C - 511°C) Sold/Desold 150°F - 850°F (66°C - 454°C) |                         |                                                  |
| Footprint                |                             | 9.5 X 10.6 X 4.25 IN (241 X 269 X 108 mm) | 9.5 X 10.6 X 4.1 IN (241 X 269 X 104 mm)                                       |                         |                                                  |
| Weight (Power unit only) | 20.35 LB (9.26 KG)          | 16.0 LB (7.28 KG)                         | 12 lb (5.5 kg)                                                                 |                         |                                                  |
| Pump Type                | Reciprocating               | Compressed Air/Nitrogen Required          | Rotary Vane                                                                    |                         |                                                  |
| Vacuum Pressure          |                             |                                           | 20.7" (526 mm) Hg                                                              |                         |                                                  |
| Noise Level              |                             |                                           | 0                                                                              |                         |                                                  |
| Air Flow Volume          | 10 l/min - 50 l/min         | 1 l/min - 10 l/min                        | 1 l/min - 10 l/min                                                             |                         |                                                  |
| Temperature Accuracy     | +/- 86°F (55°C)             | 0                                         | Sold/Desold +/- 16°F (10°C) Hot air +/- 50°F (30°C)                            |                         |                                                  |
| Temperature Stability    |                             | +/- 10°F (6°C)                            | +/- 10°F (6°C)                                                                 |                         |                                                  |
| ESD Safe?                | Yes                         | Yes                                       |                                                                                |                         |                                                  |
|                          | Iron                        | EC1204A                                   | DS58                                                                           | HAP1                    | WT50                                             |
| Power Consumption        | 750W                        | 54W                                       | 60W**                                                                          | 100W                    | 50W                                              |
| Heating Element Type     |                             | Nichrome Wound, Plug In                   | Ceramic (PTC)                                                                  | Nichrome Wound, Plug-in | Nichrome Wound, Fiberglass and Ceramic insulated |
| Length (w/o cord or tip) |                             | 0                                         | 0                                                                              | 0                       |                                                  |
| Iron Cord Length         |                             | 4 FT (1.22 M)                             | 0                                                                              | 4 FT (1.22 M)           |                                                  |
| ESD Safe?                | Yes                         |                                           |                                                                                |                         |                                                  |
| Standard Tip             | NA                          | 0058727099                                | 0                                                                              | 0                       |                                                  |
| Iron Stand               | NA                          | 0051502799 (KH27)                         | 0                                                                              | 0                       |                                                  |

\*\* Nominal wattage

| Cat. No. | Order No. | UPC No.      | Description                          | Pack Wt. lb | Pack Wt. kg | Shelf Pack |
|----------|-----------|--------------|--------------------------------------|-------------|-------------|------------|
| WRS7000  | WRS7000   | 037103131959 | Rework station, seven function, 120V | 55.00       | 25.00       | 1          |

# Optional Accessories WTA50 / WST20

## WTA50 Thermal Tweezer

- Compatible with all Weller EC, WS/WSD (Silver Series), and WRS systems
- Five optional tips are available to handle a wide range of SMT desoldering applications
- Dual heating elements with two independent temperature sensors provide the tips with constant temperatures which is essential for successful desoldering
- Tips are attached via set screws (hex wrench included) See list of WT Series tips in chart below



WTA50

## WST20 Thermal Stripper

- Compatible with all Weller EC, WS/WSD (Silver Series), and WRS systems
- Capable of stripping thermoplastic insulation from 26 AGW to 12 AGW
- Stripping length is adjustable to 1.2" (30 mm)
- Comes with 0058725726 stripping knives for 12, 16, 18 AWG



WST20

| Cat. No.          | Order * No. | UPC No.      | Description                                        | Pack Wt. |      | Shelf Pack |
|-------------------|-------------|--------------|----------------------------------------------------|----------|------|------------|
|                   |             |              |                                                    | lb       | kg   |            |
| <b>WTA50</b>      | 0051317199  | 037103178459 | SMD Thermal tweezer, 50W                           | 1.63     | 0.74 | 1          |
| <b>WTA50SET</b>   | 0053313399  | 037103180766 | SMD Thermal tweezer w/AK51 support, 50W            | 1.63     | 0.74 | 1          |
| <b>AK51</b>       | 0051504299  | 037103178800 | Support for WTA50 Thermal Tweezers                 | 1.10     | 0.50 | 1          |
| <b>WT1</b>        | 0054414199  | 037103108418 | Pair of tips, 1.0 mm, WT50                         | 0.310    | 0.14 | 10 pair    |
| <b>WT2</b>        | 0054414099  | 037103108425 | Pair of tips, 3.0 mm, WT50                         | 1.000    | 0.45 | 10 pair    |
| <b>WT3</b>        | 0054414299  | 037103108432 | Pair of tips, 6.0 mm, WT50                         | 0.300    | 0.14 | 10 pair    |
| <b>WT4</b>        | 0054414399  | 037103108449 | Pair of tips, 12.5 mm, WT50                        | 0.450    | 0.20 | 10 pair    |
| <b>WT5</b>        | 0054414499  | 037103108456 | Pair of tips, 18.5 mm, WT50                        | 1.000    | 0.45 | 10 pair    |
| <b>WST20</b>      | 0052503070  | 037103088475 | Thermal stripper                                   | 2.50     | 1.14 | 1          |
| <b>0058725718</b> | 0058725718  | 037103088246 | Pair of knives, flat, 1.27mm, for WST20            | 0.012    | 0.01 | 1          |
| <b>0058725726</b> | 0058725726  | 037103088253 | Pair of knives, AWG 12, 16, 24                     | 0.012    | 0.01 | 1          |
| <b>0058725729</b> | 0058725729  | 037103088260 | Pair of knives, AWG 12, 14, 24, 26 for WST20       | 0.012    | 0.01 | 1          |
| <b>0058725732</b> | 0058725732  | 037103088277 | Pair of knives, coax, AWG 14, 18, 22, 26 for WST20 | 0.012    | 0.01 | 1          |

\* Please use order number for inquiries and when ordering.

## HAP1



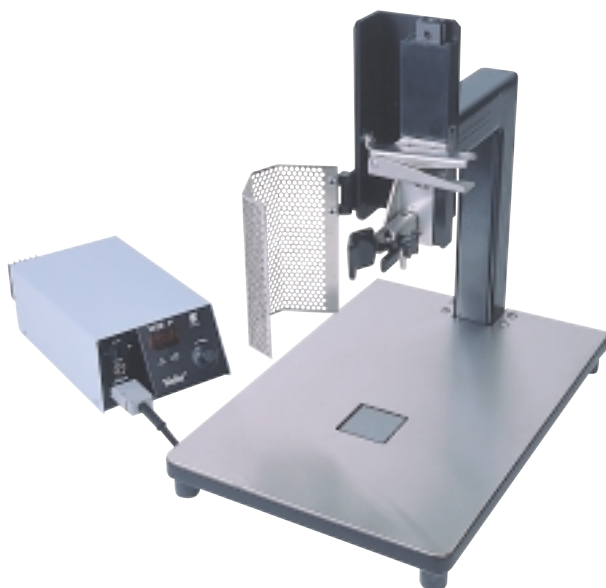
## HAP1 Features &amp; Benefits:

- Controlled hot air for non-contact soldering and desoldering of SMD's
- For use with WAD100 hot air station
- Temperature range is 122°F to 999°F

| Cat. No. | Order * | UPC No.      | Description                          | Pack Wt. |      | Shelf Pack |
|----------|---------|--------------|--------------------------------------|----------|------|------------|
|          |         |              |                                      | lb       | kg   |            |
| HAP1     | HAP1    | 037103088314 | Hot air pencil, stand, 1.2 mm nozzle | 1.896    | 0.86 | 1          |

\* Please use order number for inquiries and when ordering.

## WTH100 / WTU100 / WBH



WTH100

## WTH100 hot air stand with heated table Features &amp; Benefits:

- Heated table for preheating circuit boards - gives you increased control over the process
- Heated table is controlled by the WHP300 300 watt electronically controlled digital control unit
- Digital display gives you accurate readout for both set and read temperatures
- Temperature range is 122°F - 550°F (50°C - 300°C) - allows safe preheating for sensitive boards and components
- A unique clamp assembly on the support arm allows you to support most hot air handles
- Compatible with the WBH board holder which can hold a wide variety of boards

## WTU100 hot air stand (non heated)

## Features &amp; Benefits:

- A unique clamp assembly on the support arm allows you to support most hot air handles
- Compatible with the WBH board holder (sold separately) which can hold a wide variety of boards

## WBH Circuit Board Holder Features &amp; Benefits:

- Compatible with WTH100 and WTU100 hot air stands
- Compatible with Weller BGA/SMT rework machines (WQB2000, WQB1500, WQB1000)
- Includes an assortment of several styles of registration pins and board rail clamps to hold a wide variety of boards
- Can handle boards up to 15" X 18"

| Cat. No. | UPC No.      | Description                    | Pack Wt. |       | Shelf Pack |
|----------|--------------|--------------------------------|----------|-------|------------|
|          |              |                                | lb       | kg    |            |
| WTH100   | 037103152640 | SMT rework table, heated, 120V | 38.60    | 17.55 | 1          |
| WTU100   | 037103152633 | SMT rework table, unheated     | 29.50    | 13.41 | 1          |
| WBH      | 037103152657 | SMT rework board holder        | 9.75     | 4.43  | 1          |



## Optional Accessories WCM1 / WCB1

### WCM1 & WCB1 system calibration unit Features & Benefits:

- WCM1 compatible with EC2002M soldering stations
- WCB1 compatible with WSD80 and WSD130
- Offset - allows user to calibrate tip temperature of soldering iron to outside temperature reference
- Setback - station will set back to 350°F after a period of inactivity (EC2002M only) station will set back to 300°F after a period of inactivity
- Operator lockout - allows you to set at a certain temperature, overriding front panel control
- Allows switching between °F and °C (WSD80/130 only)
- Allows resetting of station electronics to original factory calibration
- Powered by four "AA" alkaline batteries (included)
- Three digit LED display



| Cat. No.    | Order *    | UPC No.      | Description                     | Pack Wt. |      | Shelf Pack |
|-------------|------------|--------------|---------------------------------|----------|------|------------|
|             | No.        | No.          |                                 | lb       | kg   |            |
| <b>WCM1</b> | WCM1       | 037103089519 | Calibration unit, EC2002M       | 1.100    | 0.50 | 1          |
| <b>WCB1</b> | 0053118299 | 037103144171 | Calibration unit, WSD80, WSD130 | 0.462    | 0.21 | 1          |

\* Please use order number for inquiries and when ordering.

## Optional Accessories WC5000 / WC1000 / WC3000

### WC5000 system calibration unit

- Calibration unit for use with MC5000 and MC5001 microprocessor controlled soldering system
- Unit MUST be used in conjunction with calibration checks and procedures listed in tech sheet supplied with soldering unit

WC5000



### WC1000 and WC3000 system calibration units

- WC1000 calibration unit for use with EC1000/1001/1002 series station. Also used with EC2000/2001/2002 series solder station (not for use with EC2002M series)
- WC3000 calibration unit for use with E3000/3001/3002, EC4000/4001/4002 series electronic soldering systems
- Units MUST be used in conjunction with calibration checks and procedures listed in tech sheet supplied with soldering unit

WC1000 & WC3000



| Cat. No.        | UPC No.      | Description                             | Pack Wt. |      | Shelf Pack |
|-----------------|--------------|-----------------------------------------|----------|------|------------|
|                 |              |                                         | lb       | kg   |            |
| △ <b>WC5000</b> | 037103591821 | Calibration unit, MC5000                | 0.20     | 0.09 | 1          |
| <b>WC1000</b>   | 037103480569 | Calibration unit, EC1000/2000 Series    | 0.40     | 0.18 | 1          |
| <b>WC3000</b>   | 037103480576 | Calibration unit, EC3000, EC4000 Series | 0.30     | 0.14 | 1          |
| <b>WA2000</b>   | 037103592354 | Soldering iron analyzer                 | 2.10     | 0.95 | 1          |
| <b>CP01</b>     | 037103592361 | Contact pyrometer, large gauge          | 0.60     | 0.27 | 12         |
| <b>CP02</b>     | 037103592378 | Contact pyrometer, small gauge          | 0.48     | 0.22 | 12         |
| <b>K111</b>     | 037103592385 | Type K thermocouple assy., ETA tip      | 1.80     | 0.82 | 12         |
| <b>K121</b>     | 037103592392 | Type K thermocouple assy., EPH107 tip   | 1.50     | 0.68 | 2          |
| <b>K131</b>     | 037103592750 | Type K thermocouple assy., EMA tip      | 1.50     | 0.68 | 12         |
| <b>K141</b>     | 037103592743 | Type K thermocouple assy., WCC100 tip   | 1.50     | 0.68 | 12         |
| <b>K151</b>     | 037103182012 | Type K thermocouple assy., PTA7 tip     | 1.50     | 0.68 | 12         |
| <b>K161</b>     | 037103182029 | Type K thermocouple assy., 9012 tip     | 1.50     | 0.68 | 12         |
| <b>K171</b>     | 037103182036 | Type K thermocouple assy., LT1 tip      | 1.50     | 0.68 | 12         |

△ Made to order, contact customer service for delivery.

## Accessory Products - Iron Stands



PH2000

| Cat. No.   | UPC No.      | For use with                              | Funnel   | Sponge | Pack Wt.. |      | Shelf Pack |
|------------|--------------|-------------------------------------------|----------|--------|-----------|------|------------|
|            |              |                                           |          |        | Lb        | kg   |            |
| PH2000     | 037103102492 | Universal soldering, desoldering, hot air | -        | TC205  | 0.85      | 0.39 | 1          |
| PH1201ESD  | 037103591135 | EC1201P, EC1204P, EC1201A, TC201T         | TC204    | TC205  | 0.9       | 0.41 | 1          |
| PH1301ESD  | 037103591128 | EC1302A, WM120                            | IHF225EC | TC205  | 0.7       | 0.32 | 1          |
| PH1503     | 037103043931 | EC1503A, EC1504A                          | EC254    | TC205  | 1         | 0.45 | 1          |
| PH60       | 037103474018 | W60P, WP SERIES                           | SFA60    | TC205  | 5.7       | 2.59 | 6          |
| PH100      | 037103474209 | W100PG                                    | SFA100   | TC205  | 6         | 2.73 | 6          |
| PH1201FE   | 037103043948 | TC201FE, EC1201AFE                        | RSFFE    | TC205  | 0.9       | 0.41 | 1          |
| △ PH1302FE | 037103043924 | EC1302A with ECMFE fume attachment        | RSFMFE   | TC205  | 0.95      | 0.43 | 1          |
| WPH80      | 037103143396 | WSP80                                     | -        | TC205  | 0.91      | 0.41 | 1          |
| PH50       | 037103161093 | PES50                                     | -        | TC205  | 0.95      | 0.43 | 1          |
| TC205      | 037103475176 | Sponge for above listed stands            | -        | -      | 0.1       | 0.05 | 10         |

△ Made to order, contact customer service for delivery.

| Cat No. | UPC No.      | For use with                   | Funnel | Sponge | Lb   | kg   | Shelf Pack |
|---------|--------------|--------------------------------|--------|--------|------|------|------------|
| DS2010  | 037103480125 | Universal desoldering stand    | -      | TC205  | 1.3  | 0.59 | 1          |
| 8800    | 037103030993 | Imperial and Di lines          | -      | 455    | 4.8  | 2.18 | 6          |
| 9800    | 037103038623 | Micro size soldering irons     | -      | 455    | 4.2  | 1.91 | 6          |
| 8000    | 037103041968 | Generic                        | -      | -      | 4    | 1.82 | 10         |
| 400     | 037103030368 | Sponge and Tray                | -      | 455    | 1.28 | 0.58 | 10         |
| 455     | 037103030375 | Sponge for above listed stands | -      | -      | 0.6  | 0.27 | 20         |

| Cat. No. | UPC No.      | Description                     | Pack Wt. |      | Shelf Pack |
|----------|--------------|---------------------------------|----------|------|------------|
|          |              |                                 | lb       | kg   |            |
| TC204    | 037103475169 | Spring and funnel, PH1201ESD    | 0.3      | 0.14 | 1          |
| IHF225EC | 037103476920 | Spring and funnel, PH1301ESD    | 0.083    | 0.04 | 1          |
| △ EC254  | 037103591999 | Spring and funnel, PH1503       | 0.3      | 0.14 | 1          |
| SFA60    | 037103474049 | Spring and funnel, PH60         | 0.2      | 0.09 | 1          |
| RSFFE    | 037103592316 | Spring and funnel, PH1201FE     | 0.3      | 0.14 | 1          |
| DS2010   | 037103480125 | Desoldering iron stand assembly | 1.3      | 0.59 | 1          |
| TC205    | 037103475176 | Sponge for above listed stands  | 0.1      | 0.05 | 10         |

△ Made to order, contact customer service for delivery.

# Fume Extraction Clip Attachments

## ECMFE, MSFE clip attachments

- Clip attachment to convert Weller EC1302 and EC1503 series soldering irons for use with Weller® Fumex® system
- Kit contains:
  - 1 ea - FUME ATTACHMENT ASSEMBLY
  - 1 ea - FE MINI FUNNEL
  - 5 ea - DS CLIPS
  - 1 ea - SPRING SHIELD
  - 7 ft - BLACK ESD TUBING
  - 1 ea - HOSE COUPLING
  - 1 ea - TUBE CLEANING BRUSH



## AKFE series Fume Extraction Kits

- Fume extraction kit converts existing standard and micro irons for use with Weller® Fumex® system
- Variety of available models
- Complete with plastic ESD tubing
- Detailed operating instructions included



| Cat. No.      | UPC No.      | Description                                                     | Pack Wt. |      | Shelf Pack |
|---------------|--------------|-----------------------------------------------------------------|----------|------|------------|
|               |              |                                                                 | lb       | kg   |            |
| <b>AKFE11</b> | 037103060600 | Adapter kit, Fume extraction, WP100PG, WP25, WP40, W60P, TC201T | 0.20     | 0.09 | 1          |
| <b>AKFE2</b>  | 037103044662 | Adapter kit, Fume extraction, Hakko 900 series                  | 0.30     | 0.14 | 1          |
| <b>AKFE3</b>  | 037103060631 | Adapter kit, Fume extraction, WP25-35, Jensen (47B723)          | 0.30     | 0.14 | 1          |
| <b>AKFE4</b>  | 037103060648 | Adapter kit, Fume extraction, SL325, SL500, 2110, 5550          | 0.25     | 0.11 | 1          |
| <b>AKFE5</b>  | 037103060617 | Adapter kit, Fume extraction, EDSYN 951, 930                    | 0.30     | 0.14 | 1          |
| <b>AKFE6</b>  | 037103060693 | Adapter kit, Fume extraction, 9910, 9941AS, UTC200              | 0.30     | 0.14 | 1          |
| <b>AKFE7</b>  | 037103129949 | Kit, Fumex for 921Z micro iron                                  | 0.30     | 0.14 | 1          |
| <b>ECMFE</b>  | 037103028167 | Fume extraction clip attachment - EC1302 & EC1503               | 0.30     | 0.14 | 1          |
| <b>MSFE</b>   | 037103043665 | Fume extraction clip attachment - MT1501                        | 0.30     | 0.14 | 1          |

# Manual Desoldering Pumps and Tips



## 7880 Manual Desoldering Pump

- Powerful, heavy-duty, spring-loaded vacuum for complete solder removal
- Design includes cushioned plunger, easy thumb activation and ribbed pencil grip
- Heat resistant Teflon\* tips
- \*Teflon is a Registered Trademark of DuPont



## 7881 Manual Desoldering Pump

- Powerful, heavy-duty, spring-loaded vacuum for complete solder removal
- Design includes cushioned plunger, easy thumb activation and ribbed pencil grip
- Constructed of static-dissipative material with surface resistivity of  $10^9$  ohms/sq. for component protection



## 7874B Manual Desoldering Pump

- One hand operation with spring-loaded piston provides ESD safe, solder removing vacuum
- Self-cleaning, non-clogging, static-free replaceable tip

| Cat. No. | UPC No.      | Description                 | Pack Wt. |      | Shelf Pack |
|----------|--------------|-----------------------------|----------|------|------------|
|          |              |                             | lb       | kg   |            |
| 7880     | 037103030283 | Desoldering pump            | 3.00     | 1.36 | 10         |
| 7881     | 037103030474 | Desoldering pump - ESD safe | 3.00     | 1.36 | 10         |
| 7882BK   | 037103030511 | Tip for 7880                | 0.05     | 0.02 | 50         |
| 7883     | 037103030535 | Tip for 7883                | 0.28     | 0.13 | 10         |
| 7874B    | 037103039637 | Desoldering pump - ESD safe | 2.00     | 0.91 | 10         |
| 7875B    | 037103035035 | Tip for 7874B               | 0.13     | 0.06 | 10         |

## Flux and Scrub-it™ Solvent Dispensers

### Flux Dispensers

- Both static safe and standard hold 2 ounces
- Avoid spills and waste and place flux precisely where needed
- Squeeze bottles dispense one drop of liquid resin, flux, oil solvent through stainless steel needles
- Static dissipative models protect static-sensitive components

### Scrub-it™ Solvent Dispensers

- Squeeze dispenser to distribute solvent through brush
- For cleaning printed circuit boards and other connections
- No mess, no waste
- Available with nylon bristles or horsehair for static-safe applications
- Dispenser holds 2 ounces



Flux Dispensers

Scrub-it™ Solvent Dispenser

| Cat. No.        | UPC No.      | Description                                      | Pack Wt. |      | Shelf Pack |
|-----------------|--------------|--------------------------------------------------|----------|------|------------|
|                 |              |                                                  | lb       | kg   |            |
| <b>FD2</b>      | 037103036469 | Flux dispenser, 0.020" needle                    | 0.30     | 0.14 | 6          |
| <b>FD22</b>     | 037103036537 | Flux dispenser, 0.050" needle                    | 0.32     | 0.14 | 6          |
| <b>FD2N</b>     | 037103036643 | Needle, 1" X 0.020" (10 needles/pkg.)            | 0.03     | 0.02 | 1          |
| <b>FD21N</b>    | 037103036520 | Needle, 1" X 0.008" (10 needles/pkg.)            | 0.03     | 0.02 | 1          |
| <b>FD2D</b>     | 037103036612 | Flux dispenser, 0.020" needle, ESD safe          | 0.31     | 0.14 | 6          |
| <b>FD21D</b>    | 037103036490 | Flux dispenser, 0.008" needle, ESD safe          | 0.60     | 0.27 | 6          |
| <b>FD22D</b>    | 037103036551 | Flux dispenser, 0.050" needle, ESD safe          | 0.31     | 0.14 | 6          |
| △ <b>FD21DN</b> | 037103036513 | Needle, 1" X 0.008", ESD safe (10 needles/pkg.)  | 0.10     | 0.05 | 1          |
| △ <b>FD22DN</b> | 037103036575 | Needle, 1" X 0.050", ESD safe (10 needles/pkg.)  | 0.10     | 0.05 | 1          |
| <b>SD74</b>     | 037103037220 | Scrub-it dispenser, nylon bristles               | 0.46     | 0.21 | 6          |
| <b>SD74H</b>    | 037103037244 | Scrub-it dispenser, horsehair bristles, ESD safe | 0.66     | 0.30 | 6          |

△ Made to order, contact customer service for delivery.

## Solder-Mate™ and Anti-seize Dispensers

### Solder-Mate™

- Durable dispenser minimizes core solder usage
- Eliminates operator downtime by providing continuous solder wire availability
- Holds 1 pound solder spool (solder not included)

### Anti-seize

- Specially formulated lubricant to prevent tip thread seizure when operating at high temperatures
- 1/2 ounce tube
- Ideal for use at 900°F or lower



| Cat. No.    | UPC No.      | Description                                             | Pack Wt. |      | Shelf Pack |
|-------------|--------------|---------------------------------------------------------|----------|------|------------|
|             |              |                                                         | lb       | kg   |            |
| <b>SM1</b>  | 037103037350 | Solder-Mate solder dispenser (For 1 pound Solder Spool) | 0.36     | 0.16 | 1          |
| <b>8001</b> | 037103030580 | Anti-seize, 1/2 oz. Tube                                | 0.46     | 0.21 | 10         |

# Spot Mask, Fast Mask, Fast-Mask™, Titanium Soldering Mask



## FM673

- Holds 1 pound solder spool (solder not included)
- Slide-on feature masks gold fingers quickly for wave-soldering
- Eliminates tapes, messy cleanups and saves time
- Long-life titanium alloy construction repels solder
- Eliminates PCB diving during wave soldering operation.

## FM673C

- Popular clip style affords longer mask life due to increased spring tension.
- Controls board warping.

## FM673W

- For use as board stiffener on boards heavier and/or wider
- Welded style masks both sides of gold fingers and controls board warping.

## FM6730A

- For masking gold fingers when Organic Acid is used
- Two-part neoprene rubber and welded Fast-Mask prevents flux and solder from creeping under mask onto gold fingers
- Controls board warping

| Cat. No.         | UPC No.      | Description                               | Pack Wt. |      | Shelf Pack |
|------------------|--------------|-------------------------------------------|----------|------|------------|
|                  |              |                                           | lb       | kg   |            |
| <b>SM15748BK</b> | 037103037732 | Spot-Mask, 8 ounce bottles                | 7.20     | 3.27 | 12         |
| <b>SM15741</b>   | 037103037718 | Spot-Mask, 1 gallon bottle                | 9.65     | 4.40 | 1          |
| Δ <b>FM673</b>   | 037103042569 | Fast mask, slide on, special - MTO        | 0.10     | 0.05 | 1          |
| Δ <b>FM673C</b>  | 037103042576 | Fast mask, clip on, special - MTO         | 0.10     | 0.05 | 1          |
| Δ <b>FM673W</b>  | 037103042583 | Fast mask, board stiffener, special - MTO | 0.10     | 0.05 | 1          |
| Δ <b>FM6730A</b> | 037103042590 | Fast mask, NEOPRENE - MTO                 | -        | -    | 1          |

Fast-Mask is a Special Order Item and is Non-Returnable.

Δ Made to order, contact customer service for delivery.

## Tip Polishing Bar



## Polishing bar

- Cleans and renews soldering tips
- Removes plastic resins, oxidation, silicone grease and other chemicals from tip
- Re-tin tip after use to prevent oxidation

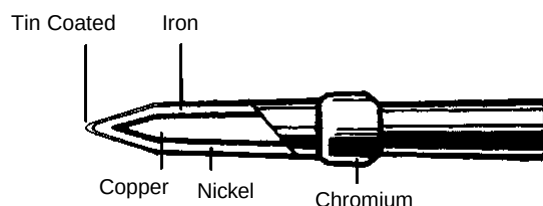
| Cat. No.    | UPC No.      | Description                      | Pack Wt. |      | Shelf Pack |
|-------------|--------------|----------------------------------|----------|------|------------|
|             |              |                                  | lb       | kg   |            |
| <b>WPB1</b> | 037103590602 | Polishing bar for soldering tips | 0.09     | 0.04 | 1          |



# Tips for Electronic Soldering Stations Weller "Longlife" Tips

## General features & benefits

- A Weller "Longlife" tip is made of copper core which is electroplated with iron to extend the lifetime of the tip
- Tips are plated with iron all over, and nickel and chromium behind the working surface.
- The nickel and chromium protect the shank from corrosion and solder creep.
- Tips are pre-tinned in the working area with solder. Keep tip tinned; wipe only before using and immediately re-tin with a small amount of fresh solder
- Do not remove excess solder from heated tip before storing; the excess solder will prevent oxidation on the wettable surface when tip is reheated.
- Use rosin or activated rosin fluxes. Use of overly active or insufficiently active flux may cause tip de-wetting



- Tips in constant use should be removed and cleaned at least once a week
- If tip becomes unwettable, it may be cleaned hot with a Weller WPB1 polishing bar or a suitable tip tinner

## "ET" Series Tips for EC1201A, EC1204A, PES50 and WCC101 Irons

- Tips are solid copper plated with iron all over, and nickel and chromium behind the working surface
- Designed to provide maximum heat transfer from the heater to the tip
- Individually bagged
- \*indicates available bulk (100 multiples only); add suffix "B" to catalog number (eg. ETAB)



ETA to ETH



ETJ, ETK, ETL, ETM



ETP, ETT



ETU, ETV



ETAA to ETDD



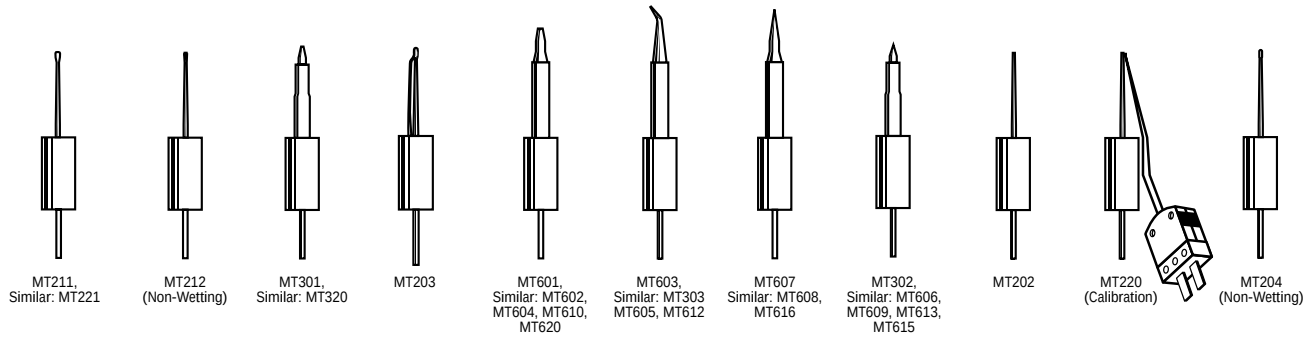
ETO, ETS



ETR

| Cat. No. | UPC No.      | Description            | Tip Size |      | Reach |       | Pack Wt. |      | Shelf Pack |
|----------|--------------|------------------------|----------|------|-------|-------|----------|------|------------|
|          |              |                        | Inch     | mm   | Inch  | mm    | lb       | kg   |            |
| ETA*     | 037103477286 | Screwdriver tip        | 0.062    | 1.60 | 0.625 | 15.90 | 0.37     | 0.16 | 10         |
| ETB*     | 037103477279 | Screwdriver tip        | 0.093    | 2.40 | 0.625 | 15.90 | 0.37     | 0.16 | 10         |
| ETC*     | 037103477262 | Screwdriver tip        | 0.125    | 3.20 | 0.625 | 15.90 | 0.37     | 0.16 | 10         |
| ETD*     | 037103477255 | Screwdriver tip        | 0.187    | 4.80 | 0.625 | 15.90 | 0.37     | 0.16 | 10         |
| ETH*     | 037103477231 | Screwdriver tip        | 0.031    | 0.80 | 0.625 | 15.90 | 0.37     | 0.16 | 10         |
| ETP*     | 037103477248 | Conical tip            | 0.031    | 0.80 | 0.625 | 15.90 | 0.37     | 0.16 | 10         |
| ETT      | 037103591548 | Conical tip            | 0.024    | 0.60 | 0.625 | 15.90 | 0.37     | 0.16 | 10         |
| ETU      | 037103591760 | Single flat tip        | 0.015    | 0.40 | 0.700 | 17.80 | 0.37     | 0.16 | 10         |
| ETV      | 037103591524 | Single flat tip        | 0.024    | 0.60 | 0.700 | 17.80 | 0.37     | 0.16 | 10         |
| ETAA     | 037103591579 | Single flat tip        | 0.062    | 1.60 | 0.625 | 15.90 | 0.37     | 0.16 | 10         |
| ETBB     | 037103591562 | Single flat tip        | 0.093    | 2.40 | 0.625 | 15.90 | 0.37     | 0.16 | 10         |
| ETCC     | 037103478085 | Single flat tip        | 0.125    | 3.20 | 0.625 | 15.90 | 0.37     | 0.16 | 10         |
| ETDD     | 037103478092 | Single flat tip        | 0.187    | 4.80 | 0.625 | 15.90 | 0.37     | 0.16 | 10         |
| ETO*     | 037103477224 | Long conical tip       | 0.031    | 0.80 | 1.000 | 25.40 | 0.37     | 0.16 | 10         |
| ETS*     | 037103478054 | Long conical tip       | 0.015    | 0.40 | 1.000 | 25.40 | 0.37     | 0.16 | 10         |
| ETJ      | 037103591555 | Long screwdriver       | 0.031    | 0.08 | 1.000 | 25.40 | 0.37     | 0.16 | 10         |
| ETK*     | 037103477217 | Long screwdriver tip   | 0.046    | 1.20 | 1.000 | 25.40 | 0.37     | 0.16 | 10         |
| ETL*     | 037103477200 | Long screwdriver tip   | 0.078    | 2.00 | 1.000 | 25.40 | 0.37     | 0.16 | 10         |
| ETM      | 037103478108 | Long screwdriver tip   | 0.125    | 3.20 | 1.000 | 25.40 | 0.37     | 0.16 | 10         |
| ETR      | 037103478115 | Narrow screwdriver tip | 0.062    | 1.60 | 0.625 | 15.90 | 0.37     | 0.16 | 10         |

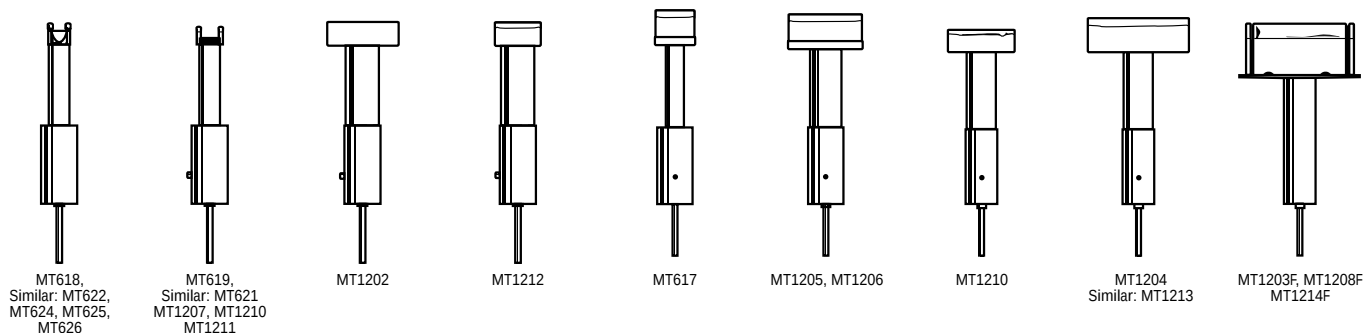
# MT Series Tips for MT1500 Series Stations



- For MT1500/1501 series soldering irons
- Quick change plug-in tips are made from stainless steel
- Use only Weller soldering tips
- Heater and sensor located in tip

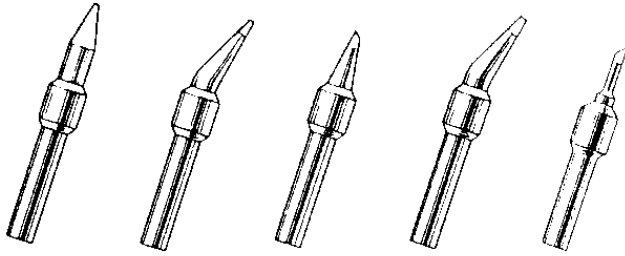
| Cat. No. | UPC No.      | Description             | Tip Size |      | Reach |       | Comment     | Shelf Pack |
|----------|--------------|-------------------------|----------|------|-------|-------|-------------|------------|
|          |              |                         | Inch     | mm   | Inch  | mm    |             |            |
| MT202    | 037103101495 | Conical                 | 0.030    | 0.76 | 1.00  | 25.4  | -           | 1          |
| MT203    | 037103101501 | Conical                 | 0.030    | 0.76 | 1.00  | 25.4  | MIL-SPEC    | 1          |
| MT204    | 037103101488 | Conical                 | 0.030    | 0.76 | 1.00  | 25.4  | NON-WETTING | 1          |
| MT211    | 037103101457 | Screwdriver             | 0.045    | 1.14 | 1.00  | 25.4  | -           | 1          |
| MT212    | 037103101365 | Screwdriver             | 0.045    | 1.14 | 1.00  | 25.4  | NON-WETTING | 1          |
| MT220    | 037103101099 | Calibration Conical     | 0.030    | 0.76 | -     | -     | -           | 1          |
| MT221    | 037103101433 | Micro                   | 0.031    | 0.79 | 1.00  | 25.4  | -           | 1          |
| MT301    | 037103101907 | Screwdriver             | 0.047    | 1.19 | 0.020 | 0.51  | -           | 1          |
| MT302    | 037103101914 | Conical                 | 0.015    | 0.38 | 0.020 | 0.51  | -           | 1          |
| MT303    | 037103101709 | Bent Conical            | 0.015    | 0.38 | 0.32  | 8.13  | -           | 1          |
| MT320    | 037103108890 | Calibration Screwdriver | 0.047    | 1.19 | 0.20  | 5.08  | -           | 1          |
| MT601    | 037103097576 | Screwdriver             | 0.070    | 1.78 | 0.385 | 9.78  | -           | 1          |
| MT602    | 037103097583 | Screwdriver             | 0.100    | 2.54 | 0.39  | 9.78  | -           | 1          |
| MT603    | 037103097552 | Conical, Bent           | 0.020    | 0.51 | 0.60  | 15.24 | -           | 1          |
| MT604    | 037103097569 | Screwdriver             | 0.060    | 1.52 | 0.39  | 9.91  | -           | 1          |
| MT605    | 037103097538 | Bent Conical            | 0.016    | 0.41 | 0.56  | 14.22 | -           | 1          |
| MT606    | 037103097545 | Conical                 | 0.016    | 0.41 | 0.53  | 13.46 | -           | 1          |
| MT607    | 037103097514 | Bevel                   | 0.020    | 0.51 | 0.53  | 13.5  | -           | 1          |
| MT608    | 037103097521 | Bevel                   | 0.040    | 1.02 | 0.56  | 14.22 | -           | 1          |
| MT609    | 037103097491 | Conical                 | 0.023    | 0.58 | 0.60  | 15.24 | -           | 1          |
| MT610    | 037103097507 | Screwdriver             | 0.200    | 5.08 | 0.35  | 8.89  | -           | 1          |
| MT611    | 037103097477 | Chisel                  | 0.060    | 1.52 | 0.61  | 15.49 | -           | 1          |
| MT612    | 037103097484 | Bent Conical            | 0.050    | 1.27 | 0.88  | 22.35 | -           | 1          |
| MT613    | 037103097453 | Conical                 | 0.020    | 0.51 | 0.52  | 13.21 | -           | 1          |
| MT614    | 037103097460 | Chisel                  | 0.100    | 2.54 | 0.19  | 4.38  | -           | 1          |
| MT615    | 037103097439 | Conical                 | 0.030    | 0.76 | 0.39  | 9.91  | -           | 1          |
| MT616    | 037103097446 | Bevel                   | 0.032    | 0.81 | 0.56  | 14.22 | -           | 1          |
| MT620    | 037103108968 | Bevel, 30 Degree        | 0.063    | 1.59 | 0.385 | 9.78  | -           | 1          |

# MT Series Tips for MT1500 Series Stations - SMD Applications



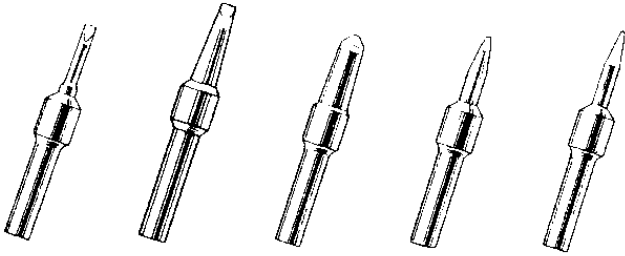
| Cat. No. | UPC No.      | Description                | Length |        | Width |        | Height |       | Shelf Pack |
|----------|--------------|----------------------------|--------|--------|-------|--------|--------|-------|------------|
|          |              |                            | in.    | mm     | in.   | mm     | in.    | mm    |            |
| MT617    | 037103108906 | SMT Blade                  | 0.410  | 10.414 | 0.022 | 0.559  | 0.280  | 7.112 | 1          |
| MT618    | 037103109088 | Chip 1206, 1210            | 0.070  | 1.778  | 0.195 | 9.429  | 0.070  | 1.778 | 1          |
| MT619    | 037103109095 | SOIC 14.16                 | 0.410  | 10.414 | 0.200 | 5.08   | 0.090  | 2.286 | 1          |
| MT621    | 037103108975 | SOIC 8                     | 0.180  | 4.572  | 0.200 | 5.08   | 0.090  | 2.286 | 1          |
| MT622    | 037103108982 | Chip 0805                  | 0.060  | 1.524  | 0.090 | 2.286  | 0.070  | 1.778 | 1          |
| MT623    | 037103108999 | SOMC 16                    | 0.450  | 11.49  | 0.270 | 6.858  | 0.090  | 2.286 | 1          |
| MT624    | 037103109002 | SOT23                      | 0.100  | 2.540  | 0.068 | 1.727  | 0.055  | 1.397 | 1          |
| MT625    | 037103109019 | Chip 1808/1812             | 0.090  | 2.286  | 0.190 | 4.528  | 0.070  | 1.778 | 1          |
| MT626    | 037103121905 | Quad PLCC 18               | 0.105  | 2.667  | 0.303 | 7.696  | 0.150  | 3.81  | 1          |
| MT627    | 037103122407 | Tip, 60W w/Extended Tube - | -      | -      | -     | -      | -      | -     | 1          |
| MT1201   | 037103109026 | PLCC 28                    | 0.500  | 12.700 | 0.500 | 12.700 | 0.150  | 3.81  | 1          |
| MT1202   | 037103109033 | PLCC 20                    | 0.410  | 10.414 | 0.410 | 10.414 | 0.150  | 3.81  | 1          |
| MT1203F  | 037103108913 | Flex Leg PLCC 44           | 0.750  | 19.050 | 0.750 | 19.050 | 2.35   | 5.959 | 1          |
| MT1204   | 037103109040 | PLCC 32                    | 0.500  | 12.70  | 0.500 | 12.70  | 0.150  | 3.81  | 1          |
| MT1205   | 037103108920 | SMT Blade                  | 0.820  | 20.828 | 0.022 | 0.559  | 0.280  | 7.112 | 1          |
| MT1206   | 037103109057 | SMT Blade                  | 0.620  | 16.748 | 0.022 | 0.559  | 0.280  | 7.112 | 1          |
| MT1207   | 037103109064 | SOIC 20                    | 0.520  | 13.208 | 0.375 | 9.525  | 0.125  | 3.176 | 1          |
| MT1208F  | 037103108937 | Flex Leg PLCC 68           | 0.965  | 24.511 | 0.965 | 24.511 | 2.35   | 5.959 | 1          |
| MT1209   | 037103109071 | SOJ 28, SOM 36             | 0.740  | 18.796 | 0.365 | 9.017  | 0.125  | 3.175 | 1          |
| MT1210   | 037103121899 | SOIC 28                    | 0.720  | 18.268 | 0.375 | 9.525  | 0.125  | 3.175 | 1          |
| MT1211   | 037103121912 | SOIC 24                    | 0.620  | 15.748 | 0.375 | 9.525  | 0.125  | 3.175 | 1          |
| MT1212   | 037103121875 | PLCC 18                    | 0.540  | 13.716 | 0.340 | 8.596  | 0.150  | 3.810 | 1          |
| MT1213   | 037103121868 | QFP 64-80                  | 0.915  | 23.241 | 0.580 | 17.272 | 0.150  | 3.81  | 1          |
| MT1214F  | 037103127754 | Flex Leg PLCC 84           | 1.155  | 29.591 | 1.165 | 29.591 | 0.235  | 5.969 | 1          |

# EPH Series Tips for EC1302 and EC1301 Series Irons



EPH101    EPH102    EPH103    EPH104    EPH105

- Tips are solid copper plated with iron all over, and nickel and chromium behind the working surface
- Designed to provide maximum heat transfer from the heater to the tip
- Individually bagged

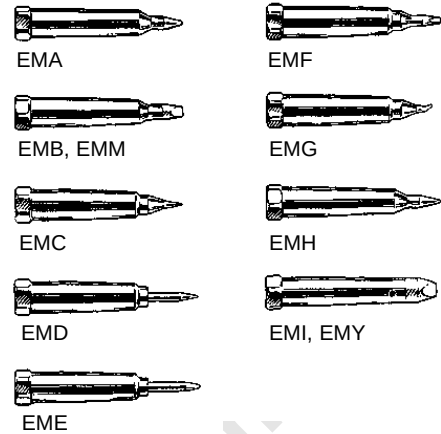


EPH106    EPH107    EPH108    EPH109    EPH110  
EPH111

| Cat. No. | UPC No.      | Description         | Tip Size |       | Reach |       | Pack Wt. |      | Shelf Pack |
|----------|--------------|---------------------|----------|-------|-------|-------|----------|------|------------|
|          |              |                     | Inch     | mm    | Inch  | mm    | lb       | kg   |            |
| EPH101   | 037103479600 | Micropoint tip      | 0.015    | 0.40  | 0.437 | 11.10 | 0.37     | 0.16 | 10         |
| EPH102   | 037103479617 | Bent conical tip    | 0.031    | 0.80  | 0.437 | 11.10 | 0.37     | 0.16 | 10         |
| EPH104   | 037103479631 | Bent conical tip    | 0.046    | 1.20  | 0.437 | 11.10 | 0.37     | 0.16 | 10         |
| EPH103   | 037103479624 | Single flat tip     | 0.031    | 0.80  | 0.312 | 7.90  | 0.37     | 0.16 | 10         |
| EPH105   | 037103479648 | Single flat tip     | 0.046    | 1.20  | 0.312 | 7.90  | 0.37     | 0.16 | 10         |
| EPH106   | 037103479655 | Screwdriver tip     | 0.062    | 1.60  | 0.437 | 11.10 | 0.37     | 0.16 | 10         |
| EPH111   | 037103591531 | Screwdriver tip     | 0.625    | 16.76 | 0.437 | 11.10 | 0.37     | 0.16 | 10         |
| EPH107   | 037103479662 | Chisel tip          | 0.078    | 2.00  | 0.437 | 11.10 | 0.37     | 0.16 | 10         |
| EPH108   | 037103480231 | Chisel tip          | 0.125    | 2.80  | 0.437 | 11.10 | 0.37     | 0.16 | 10         |
| EPH109   | 037103479679 | Conical tip         | 0.031    | 0.80  | 0.437 | 11.10 | 0.37     | 0.16 | 10         |
| EPH110   | 037103474124 | Conical tip         | 0.062    | 1.60  | 0.437 | 11.10 | 0.37     | 0.16 | 10         |
| EPH112   | 037103593320 | Long micropoint tip | 0.015    | 0.40  | 0.625 | 15.90 | 0.37     | 0.16 | 10         |

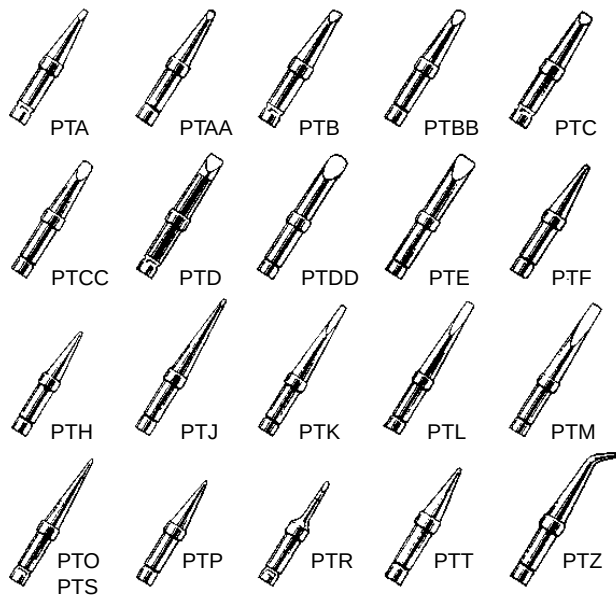
# EM Series Tips for EC1503 and EC1504 Series Irons

- Tips are solid copper plated with iron all over, and nickel and chromium behind the working surface
- Designed to provide maximum heat transfer from the heater to the tip
- Manufactured with patented taper fit to match heater sheath (Patent No. 4560101)
- Individually bagged



| Cat. No. | UPC No.      | Description            | Tip Size |      | Reach |       | Pack Wt. |      | Shelf Pack |
|----------|--------------|------------------------|----------|------|-------|-------|----------|------|------------|
|          |              |                        | Inch     | mm   | Inch  | mm    | lb       | kg   |            |
| EMA      | 037103591777 | Chisel tip             | 0.062    | 1.60 | 0.42  | 10.66 | 0.37     | 0.16 | 10         |
| EMB      | 037103591784 | Chisel tip             | 0.093    | 2.40 | 0.42  | 10.66 | 0.37     | 0.16 | 10         |
| EMF      | 037103592651 | Chisel tip             | 0.046    | 1.20 | 0.52  | 13.20 | 0.37     | 0.16 | 10         |
| EMH      | 037103591791 | Chisel tip             | 0.031    | 0.80 | 0.42  | 10.66 | 0.37     | 0.16 | 10         |
| EMI      | 037103000156 | Chisel tip             | 0.203    | 5.23 | 0.42  | 10.66 | 0.37     | 0.16 | 10         |
| EMM      | 037103104236 | Chisel tip, long reach | 0.125    | 3.30 | 0.31  | 7.87  | 0.37     | 0.16 | 10         |
| EMC      | 037103592620 | Conical tip            | 0.015    | 0.35 | 0.42  | 10.66 | 0.37     | 0.16 | 10         |
| EMD      | 037103592637 | Conical tip            | 0.015    | 0.35 | 0.61  | 15.49 | 0.37     | 0.16 | 10         |
| EME      | 037103592644 | Conical tip            | 0.031    | 0.81 | 0.65  | 16.51 | 0.37     | 0.16 | 10         |
| EMG      | 037103592668 | Bent conical tip       | 0.015    | 0.35 | 0.45  | 11.43 | 0.37     | 0.16 | 10         |
| EMY      | 037103591814 | Blunt chisel tip       | 0.125    | 3.30 | 0.42  | 10.66 | 0.37     | 0.16 | 10         |

## PT Series Tips for TC201 Series Iron



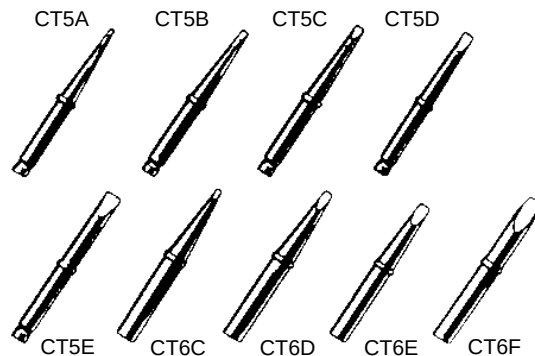
- Tips are solid copper plated with iron all over, and nickel and chromium behind the working surface
- Designed to provide maximum heat transfer from the heater to the tip
- Individually bagged
- \*indicates available bulk (100 multiples only); add suffix "B" to catalog number (eg. PTA7B)

| 600°F (315°C) |         | 700°F (371°C) |         | 800°F (427°C) |         | Description        | Tip size |      | Reach |       | Pack Wt. |      | Shelf Pack |
|---------------|---------|---------------|---------|---------------|---------|--------------------|----------|------|-------|-------|----------|------|------------|
| Cat. No.      | UPC No. | Cat. No.      | UPC No. | Cat. No.      | UPC No. |                    | Inch     | mm   | Inch  | mm    | lb       | kg   |            |
| PTA6          | 473011  | PTA7*         | 473226  | PTA8*         | 473417  | Screwdriver        | 0.062    | 1.57 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| -             | -       | PTAA7*        | 473233  | PTAA8*        | 473424  | Single flat        | 0.062    | 1.57 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| PTB6          | 473035  | PTB7*         | 473240  | PTB8*         | 473431  | Screwdriver        | 0.093    | 2.38 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| -             | -       | PTBB7*        | 473257  | PTBB8         | 473448  | Single flat        | 0.093    | 2.38 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| PTC6          | 473059  | PTC7*         | 473264  | PTC8*         | 473455  | Screwdriver        | 0.125    | 3.17 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| -             | -       | PTCC7         | 473271  | PTCC8         | 473462  | Single flat        | 0.125    | 3.17 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| PTD6          | 473073  | PTD7*         | 473288  | PTD8*         | 473479  | Screwdriver        | 0.187    | 4.74 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| -             | -       | PTDD7         | 473295  | PTDD8         | 473486  | Single flat        | 0.187    | 4.74 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| -             | -       | PTE7*         | 473301  | PTE8*         | 473493  | Screwdriver        | 0.234    | 5.95 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| -             | -       | PTF7*         | 473318  | PTF8*         | 473509  | Conical flat       | 0.047    | 1.19 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| PTH6          | 473110  | PTH7*         | 473325  | PTH8*         | 473516  | Screwdriver        | 0.031    | 0.79 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| PTJ6          | 591630  | PTJ7          | 591623  | PTJ8          | 591616  | Screwdriver        | 0.015    | 0.39 | 1.00  | 25.40 | 0.37     | 0.16 | 10         |
| PTK6          | 473127  | PTK7*         | 473332  | PTK8*         | 473523  | Long screwdriver   | 0.046    | 1.19 | 1.00  | 25.40 | 0.37     | 0.16 | 10         |
| PTL6          | 473134  | PTL7*         | 473349  | PTL8*         | 473530  | Long screwdriver   | 0.078    | 1.98 | 1.00  | 25.40 | 0.37     | 0.16 | 10         |
| -             | -       | PTM7*         | 473356  | PTM8*         | 473547  | Long screwdriver   | 0.125    | 3.17 | 1.00  | 25.40 | 0.37     | 0.16 | 10         |
| PTO6          | 473158  | PTO7*         | 473363  | PTO8*         | 473561  | Long conical       | 0.031    | 0.79 | 1.00  | 25.40 | 0.37     | 0.16 | 10         |
| PTP6          | 473165  | PTP7*         | 473370  | PTP8*         | 473554  | Conical            | 0.031    | 0.79 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| PTR6          | 473172  | PTR7*         | 473387  | PTR8*         | 473585  | Narrow screwdriver | 0.062    | 1.58 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| PTS6          | 478023  | PTS7*         | 478030  | PTS8*         | 478047  | Long conical       | 0.015    | 0.39 | 1.00  | 25.40 | 0.37     | 0.16 | 10         |
| -             | -       | PTT7          | 591654  | PTT8          | 591654  | Conical            | 0.025    | 0.63 | 0.62  | 15.87 | 0.37     | 0.16 | 10         |
| -             | -       | PTZ7          | 591715  | -             | -       | Bent, slotted      | 0.020    | 0.50 | 1.00  | 25.40 | 0.37     | 0.16 | 10         |



## Tips for Controlled Output Soldering Irons CT Series Tips for W60P and W100P Irons

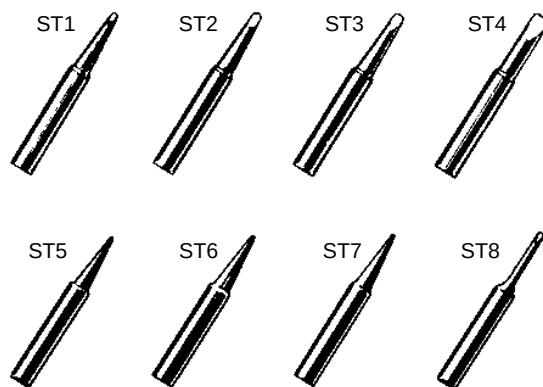
- Tips are solid copper plated with iron all over, and nickel and chromium behind the working surface
- Designed to provide maximum heat transfer from the heater to the tip
- CT5 series for WP60P soldering irons
- CT6 series for WP100P soldering irons
- Individually bagged
- \*indicates available bulk (100 multiples only); add suffix "B" to catalog number (eg. CT6E7B)



| 600°F (315°C) |                | 700°F (371°C) |                | 800°F (427°C) |                | Description            | Tip size |      | Reach |       | Pack Wt. |      | Shelf Pack |
|---------------|----------------|---------------|----------------|---------------|----------------|------------------------|----------|------|-------|-------|----------|------|------------|
| Cat. No.      | UPC No. 037103 | Cat. No.      | UPC No. 037103 | Cat. No.      | UPC No. 037103 |                        | Inch     | mm   | Inch  | mm    | lb       | kg   |            |
| <b>CT5A6</b>  | 472618         | <b>CT5A7</b>  | 472625         | <b>CT5A8</b>  | 472632         | W60P Screwdriver tip   | 0.062    | 1.58 | 1.15  | 29.36 | 0.43     | 0.19 | 10         |
| -             | -              | <b>CT5B7</b>  | 472656         | <b>CT5B8</b>  | 472663         | W60P Screwdriver tip   | 0.093    | 2.38 | 1.15  | 29.36 | 0.43     | 0.19 | 10         |
| <b>CT5C6</b>  | 472670         | <b>CT5C7</b>  | 472687         | <b>CT5C8</b>  | 472694         | W60P Screwdriver tip   | 0.125    | 3.17 | 1.15  | 29.36 | 0.43     | 0.19 | 10         |
| -             | -              | <b>CT5D7</b>  | 472724         | <b>CT5D8</b>  | 472731         | W60P Screwdriver tip   | 0.187    | 4.74 | 1.15  | 29.36 | 0.43     | 0.19 | 10         |
| -             | -              | <b>CT5E7</b>  | 472755         | <b>CT5E8</b>  | 472762         | W60P Screwdriver tip   | 0.250    | 6.35 | 1.15  | 29.36 | 0.43     | 0.19 | 10         |
| <b>CT6C6</b>  | 472847         | <b>CT6C7</b>  | 472854         | <b>CT6C8</b>  | 472861         | W100PG Screwdriver tip | 0.125    | 3.17 | 1.37  | 34.92 | 0.37     | 0.16 | 6          |
| <b>CT6D6</b>  | 472878         | <b>CT6D7</b>  | 472885         | <b>CT6D8</b>  | 472892         | W100PG Screwdriver tip | 0.187    | 4.74 | 1.37  | 34.92 | 0.43     | 0.19 | 6          |
| <b>CT6E6</b>  | 472908         | <b>CT6E7*</b> | 472915         | <b>CT6E8</b>  | 472922         | W100PG Screwdriver tip | 0.250    | 6.35 | 1.37  | 34.92 | 0.50     | 0.22 | 6          |
| <b>CT6F6</b>  | 472939         | <b>CT6F7*</b> | 472946         | <b>CT6F8</b>  | 472953         | W100PG Screwdriver tip | 0.375    | 9.52 | 1.37  | 34.92 | 0.50     | 0.22 | 6          |

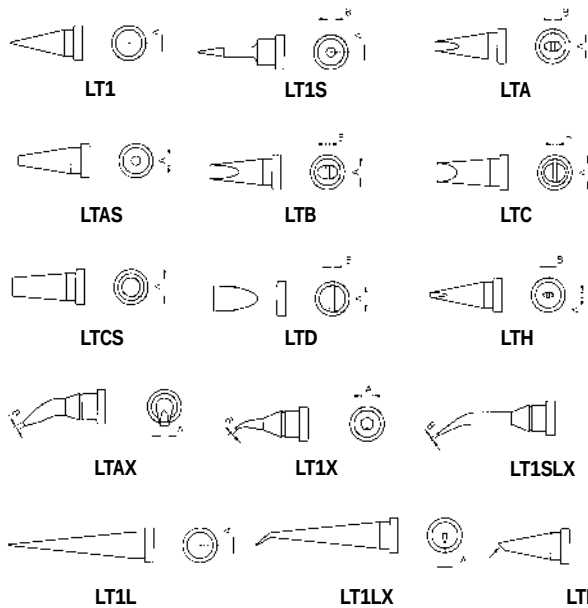
## ST Series Tips for WP25, WP30, WP35 Irons

- Tips are solid copper plated with iron all over, and nickel and chromium behind the working surface
- Designed to provide maximum heat transfer from the heater to the tip
- Individually bagged



| Cat. No.   | UPC No.      | Description     | Tip Size |      | Reach |       | Pack Wt. |      | Shelf Pack |
|------------|--------------|-----------------|----------|------|-------|-------|----------|------|------------|
|            |              |                 | Inch     | mm   | Inch  | mm    | lb       | kg   |            |
| <b>ST1</b> | 037103472212 | Screwdriver tip | 0.062    | 1.58 | 0.75  | 19.05 | 0.25     | 0.11 | 10         |
| <b>ST2</b> | 037103472434 | Screwdriver tip | 0.093    | 2.38 | 0.75  | 19.05 | 0.25     | 0.11 | 10         |
| <b>ST3</b> | 037103472519 | Screwdriver tip | 0.125    | 3.17 | 0.75  | 19.05 | 0.25     | 0.11 | 10         |
| <b>ST4</b> | 037103472601 | Screwdriver tip | 0.187    | 4.74 | 0.75  | 19.05 | 0.25     | 0.11 | 10         |
| <b>ST5</b> | 037103472809 | Single flat tip | 0.031    | 0.79 | 0.75  | 19.05 | 0.25     | 0.11 | 10         |
| <b>ST6</b> | 037103473189 | Screwdriver tip | 0.031    | 0.79 | 0.75  | 19.05 | 0.25     | 0.11 | 10         |
| <b>ST7</b> | 037103473394 | Conical tip     | 0.031    | 0.79 | 0.75  | 19.05 | 0.25     | 0.11 | 10         |
| <b>ST8</b> | 037103473578 | Narrow SD tip   | 0.062    | 1.58 | 0.75  | 19.05 | 0.25     | 0.11 | 10         |

# LT Series for WSP80 Irons

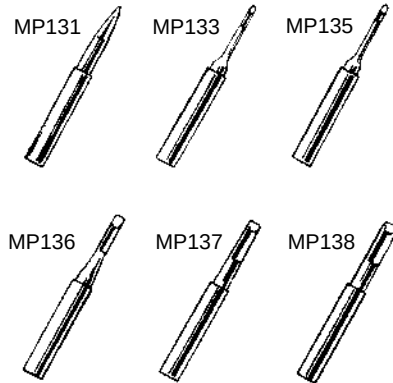


- Tips are solid copper plated with iron all over, and nickel and chromium behind the working surface
- Designed to provide maximum heat transfer from the heater to the tip
- Individually bagged

| Cat. No. | UPC No.      | Description     | Tip Size Dim. "A" |      | Tip Size Dim. "B" |      | Reach |       | Pack Wt. |      | Shelf Pack |
|----------|--------------|-----------------|-------------------|------|-------------------|------|-------|-------|----------|------|------------|
|          |              |                 | Inch              | mm   | Inch              | mm   | Inch  | mm    | lb       | kg   |            |
| LT1      | 037103143273 | Round tip       | 0.010             | 0.25 | -                 | -    | 0.43  | 10.90 | 0.08     | 0.04 | 10         |
| LT1S     | 037103143280 | Round tip       | 0.008             | 0.20 | 0.063             | 1.60 | 0.53  | 13.50 | 0.08     | 0.04 | 10         |
| LTA      | 037103143334 | Chisel tip      | 0.063             | 1.60 | 0.028             | 0.70 | 0.38  | 9.70  | 0.08     | 0.04 | 10         |
| LTAS     | 037103143341 | Round tip       | 0.063             | 1.60 | -                 | -    | 0.38  | 9.70  | 0.08     | 0.04 | 10         |
| LTB      | 037103143297 | Chisel tip      | 0.094             | 2.40 | 0.031             | 0.79 | 0.43  | 10.90 | 0.08     | 0.04 | 10         |
| LTC      | 037103143358 | Chisel tip      | 0.126             | 3.20 | 0.031             | 0.79 | 0.43  | 10.90 | 0.08     | 0.04 | 10         |
| LTCS     | 037103143327 | Round tip       | 0.126             | 3.20 | -                 | -    | 0.43  | 10.90 | 0.08     | 0.04 | 10         |
| LTD      | 037103143303 | Chisel tip      | 0.181             | 4.60 | 0.031             | 0.79 | 0.43  | 10.90 | 0.08     | 0.04 | 10         |
| LTH      | 037103143365 | Chisel tip      | 0.031             | 0.80 | 0.016             | 0.40 | 0.43  | 10.90 | 0.08     | 0.04 | 10         |
| LTK      | 037103143372 | Chisel tip      | 0.047             | 1.20 | 0.016             | 0.40 | 0.73  | 18.50 | 0.08     | 0.04 | 10         |
| LTKN     | 037103166470 | Knife tip       | 0.059             | 1.50 | 0.033             | 0.80 | 0.73  | 18.50 | 0.08     | 0.04 | 10         |
| LT4X     | 037103166685 | Bent Chisel tip | 0.047             | 1.20 | 0.016             | 0.40 | 0.59  | 15.00 | 0.08     | 0.04 | 10         |
| LTAX     | 037103166692 | Bent Chisel tip | 0.063             | 1.60 | 0.032             | 0.80 | 0.50  | 12.70 | 0.08     | 0.04 | 10         |
| LT1X     | 037103166708 | Bent Round tip  | 0.010             | 0.25 | -                 | -    | 0.37  | 9.40  | 0.08     | 0.04 | 10         |
| LT1SLX   | 037103166753 | Bent Round tip  | 0.012             | 0.30 | -                 | -    | 0.76  | 19.20 | 0.08     | 0.04 | 10         |
| LTHX     | 037103162885 | Bent Chisel tip | 0.024             | 0.60 | 0.016             | 0.40 | 0.79  | 20.00 | 0.08     | 0.04 | 10         |
| LTM      | 037103172990 | Chisel tip      | 0.126             | 3.20 | 0.047             | 1.20 | 0.79  | 20.00 | 0.08     | 0.04 | 10         |
| LTS      | 037103172983 | Round tip       | 0.016             | 0.40 | -                 | -    | 0.79  | 20.00 | 0.08     | 0.04 | 10         |
| LT1L     | 037103173027 | Round tip       | 0.008             | 0.20 | -                 | -    | 0.98  | 25.00 | 0.08     | 0.04 | 10         |
| LT1LX    | 037103173010 | Bent Round tip  | 0.008             | 0.20 | -                 | -    | 0.98  | 25.00 | 0.08     | 0.04 | 10         |
| LTF      | 037103180995 | Single Flat tip | 0.047             | 1.20 | -                 | -    | 0.49  | 12.50 | 0.08     | 0.04 | 10         |
| LTL      | 037103173003 | Chisel tip      | 0.039             | 1.00 | 0.039             | 1.00 | 0.79  | 20.00 | 0.08     | 0.04 | 10         |
| LT4W     | 037103178299 | Single Flat tip | 0.047             | 1.20 | -                 | -    | 0.59  | 15.00 | 0.08     | 0.04 | 10         |

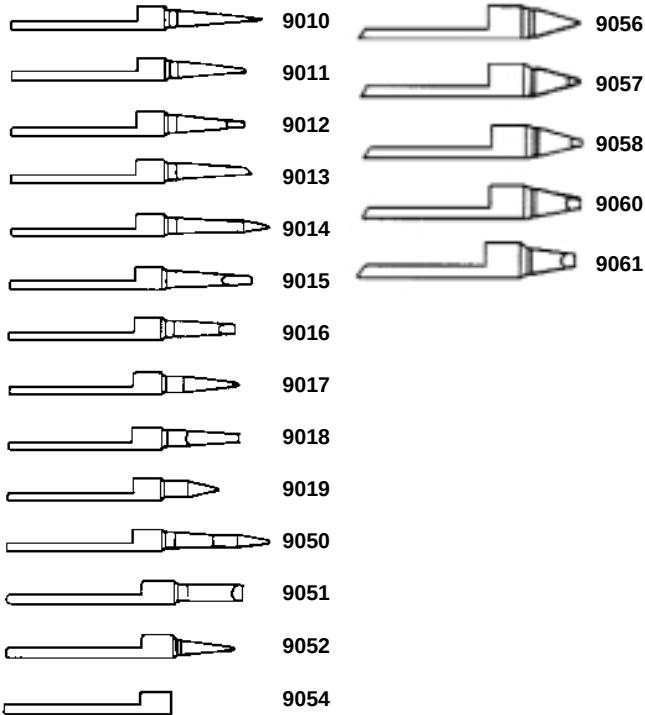
## MP Series Tips for WM120 Iron

- Tips are solid copper plated with iron all over, and nickel and chromium behind the working surface
- Designed to provide maximum heat transfer from the heater to the tip
- Individually bagged



| Cat. No.     | UPC No.      | Description            | Tip Size |      | Reach |       | Pack Wt. |      | Shelf Pack |
|--------------|--------------|------------------------|----------|------|-------|-------|----------|------|------------|
|              |              |                        | Inch     | mm   | Inch  | mm    | lb       | kg   |            |
| <b>MP131</b> | 037103474544 | Conical tip            | 0.015    | 0.39 | 0.43  | 11.09 | 0.25     | 0.11 | 10         |
| <b>MP133</b> | 037103474582 | Single flat 40° tip    | 0.031    | 0.79 | 0.43  | 11.09 | 0.25     | 0.11 | 10         |
| <b>MP135</b> | 037103474605 | Single flat 40° tip    | 0.046    | 1.19 | 0.43  | 11.09 | 0.25     | 0.11 | 10         |
| <b>MP136</b> | 037103474612 | Narrow screwdriver tip | 0.062    | 1.58 | 0.43  | 11.09 | 0.25     | 0.11 | 10         |
| <b>MP137</b> | 03710347462  | Screwdriver tip        | 0.078    | 1.98 | 0.43  | 11.09 | 0.25     | 0.11 | 10         |
| <b>MP138</b> | 037103474636 | Chisel tip             | 0.109    | 2.77 | 0.43  | 11.09 | 0.25     | 0.11 | 10         |

# 9000 Series Tips for 9211, 9911AS, 9370, 9380 and UTC200 Series Irons



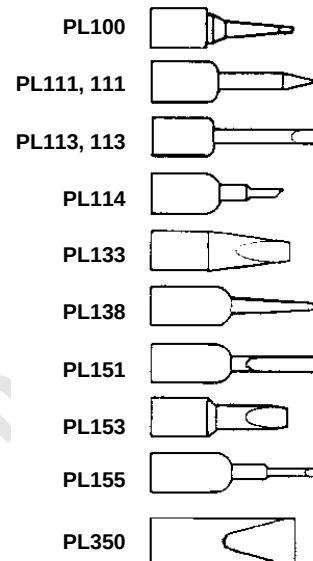
- Tips are solid copper plated with iron all over, and nickel and chromium behind the working surface
- Standard tips use 9037 tip retainer assembly
- Thermal thrust high capacity tips (9056 to 9061) have extra mass and heat capacity for heavy ground planes and heat sinks (use 9919 tip retainer assembly)
- Designed to provide maximum heat transfer from the heater to the tip
- Individually bagged
- \*Available bulk packed (50 multiples only)

| Cat. No.                            | UPC No.      | Description      | Tip Size |      | Reach |       | Pack Wt. |      | Shelf Pack |
|-------------------------------------|--------------|------------------|----------|------|-------|-------|----------|------|------------|
|                                     |              |                  | Inch     | mm   | Inch  | mm    | lb       | kg   |            |
| <b>Standard</b>                     |              |                  |          |      |       |       |          |      |            |
| 9010*                               | 037103031020 | Precision point  | 0.01     | 0.25 | 0.78  | 19.81 | 0.25     | 0.11 | 5          |
| 9011*                               | 037103031075 | Spade            | 0.03     | 0.76 | 0.71  | 18.03 | 0.25     | 0.11 | 5          |
| 9012*                               | 037103031693 | Screwdriver      | 0.05     | 1.27 | 0.62  | 15.74 | 0.25     | 0.11 | 5          |
| 9013*                               | 037103031792 | Spade            | 0.06     | 1.52 | 0.71  | 18.03 | 0.25     | 0.11 | 5          |
| 9014*                               | 037103031945 | Spade            | 0.02     | 0.50 | 0.85  | 21.59 | 0.25     | 0.11 | 5          |
| 9015*                               | 037103031976 | Screwdriver      | 0.07     | 1.77 | 0.70  | 17.78 | 0.25     | 0.11 | 5          |
| 9016*                               | 037103005991 | Screwdriver      | 0.09     | 2.28 | 0.55  | 13.97 | 0.25     | 0.11 | 5          |
| 9017*                               | 037103032027 | Screwdriver      | 0.03     | 0.76 | 0.60  | 15.24 | 0.25     | 0.11 | 5          |
| 9018*                               | 037103032058 | Screwdriver      | 0.05     | 1.27 | 0.60  | 15.24 | 0.25     | 0.11 | 5          |
| 9019*                               | 037103034106 | Short spade      | 0.03     | 0.76 | 0.45  | 11.43 | 0.25     | 0.11 | 5          |
| 9050*                               | 037103035059 | Conical          | 0.02     | 0.50 | 0.85  | 21.59 | 0.25     | 0.11 | 5          |
| 9051*                               | 037103035073 | Screwdriver      | 0.13     | 3.30 | 0.50  | 12.70 | 0.25     | 0.11 | 5          |
| 9052*                               | 037103035097 | Short spade      | 0.02     | 0.50 | 0.45  | 11.43 | 0.25     | 0.11 | 5          |
| 9054*                               | 037103035110 | Tip adapter 1/8" | -        | -    | -     | -     | 0.25     | 0.11 | 2          |
| <b>Thermal thrust high capacity</b> |              |                  |          |      |       |       |          |      |            |
| 9056*                               | 037103006004 | Conical          | 0.02     | 0.50 | 0.50  | 12.70 | 0.25     | 0.11 | 5          |
| 9057*                               | 037103035141 | Screwdriver      | 0.03     | 0.76 | 0.50  | 12.70 | 0.25     | 0.11 | 5          |
| 9058*                               | 037103035165 | Screwdriver      | 0.05     | 1.27 | 0.50  | 12.70 | 0.25     | 0.11 | 5          |
| 9060*                               | 037103035202 | Screwdriver      | 0.10     | 2.54 | 0.50  | 12.70 | 0.25     | 0.11 | 5          |
| 9061*                               | 037103035226 | Screwdriver      | 0.13     | 3.30 | 0.50  | 12.70 | 0.25     | 0.11 | 5          |

# Tips for Professional Soldering Irons

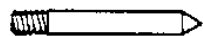
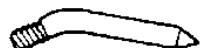
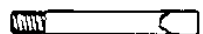
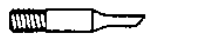
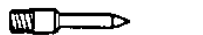
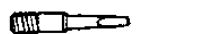
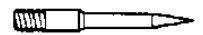
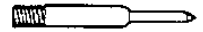
## 1/4" Thread-on Tips for Standard & DI Line Heaters

- Tips are solid copper plated with iron all over, and nickel and chromium behind the working surface
- Use with heaters 360, 362, 363, 537S, 1237S, 4037S, 37UG
- Designed to provide maximum heat transfer from the heater to the tip
- Individually bagged
- \*Available bulk packed (50 multiples only); add suffix "BK" (eg. PL100BK)
- # Copper, unplated



| Cat. No.        | UPC No.      | Description              | Tip Size |       | Reach |       | Pack Wt. |      | Shelf Pack |
|-----------------|--------------|--------------------------|----------|-------|-------|-------|----------|------|------------|
|                 |              |                          | Inch     | mm    | Inch  | mm    | lb       | kg   |            |
| <b>Standard</b> |              |                          |          |       |       |       |          |      |            |
| <b>PL100*</b>   | 037103036728 | Precision electronic     | 0.05     | 1.27  | 0.45  | 11.43 | 0.31     | 0.14 | 10         |
| <b>PL111*</b>   | 037103036742 | Pencil-plated            | 0.03     | 0.76  | 0.66  | 16.76 | 0.31     | 0.14 | 10         |
| <b>111**</b>    | 037103029833 | Pencil-copper            | 0.02     | 0.50  | 0.66  | 16.76 | 0.31     | 0.14 | 10         |
| <b>PL113*</b>   | 037103036766 | Chisel-plated            | 0.13     | 3.30  | 0.66  | 16.76 | 0.31     | 0.14 | 10         |
| <b>113**</b>    | 037103029857 | Chisel-copper            | 0.12     | 3.04  | 0.66  | 16.76 | 0.31     | 0.14 | 10         |
| <b>PL114*</b>   | 037103036780 | Micro spade-plated       | 0.05     | 1.27  | 0.41  | 10.41 | 0.31     | 0.14 | 10         |
| <b>PL133*</b>   | 037103036827 | Long taper chisel-plated | 0.15     | 3.81  | -     | -     | 0.31     | 0.14 | 10         |
| <b>PL138*</b>   | 037103036841 | Tapered needle-plated    | 0.05     | 1.27  | 0.66  | 16.76 | 0.31     | 0.14 | 10         |
| <b>PL151*</b>   | 037103036865 | Screwdriver-plated       | 0.13     | 3.30  | 0.66  | 16.76 | 0.31     | 0.14 | 10         |
| <b>PL153*</b>   | 037103036889 | Chisel-plated            | 0.20     | 5.08  | 0.56  | 14.22 | 0.31     | 0.14 | 10         |
| <b>PL155*</b>   | 037103036902 | Stepped chisel-plated    | 0.07     | 1.77  | 0.66  | 16.76 | 0.31     | 0.14 | 10         |
| <b>PL350*</b>   | 037103037039 | Chisel-plated            | 0.40     | 10.16 | -     | -     | 0.31     | 0.14 | 10         |

# 1/8" Thread-in Tips for Standard Line Iron Heaters

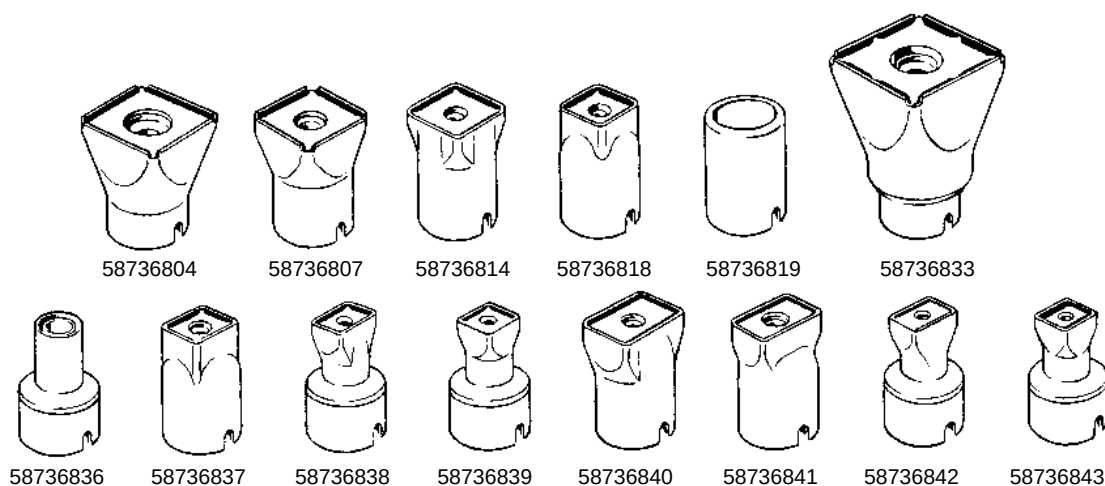
 **PL331, 331**
 **PL332, 332**
 **PL333, 333**
 **PL338**
 **PL340**
 **6960**
 **6951, 6961**
 **6962**
 **6953, 6963**
 **7062**
 **7154**
 **7155**

- Tips are solid copper plated with iron all over, and nickel and chromium behind the working surface
- Use with heaters 535S, 1235S, 4035S
- Adaptable to 537S, 1237S, 4037S, and 37UG heaters with the use of adapter 100UG
- Adaptable to 9300, 9911AS, and UTC231 irons with the use of adapter 9054
- Designed to provide maximum heat transfer from the heater to the tip
- Individually bagged
- \*Available bulk packed (50 multiples only); add suffix "BK" (eg. PL331BK)
- # Copper, unplated

| Cat. No.      | UPC No.      | Description            | Tip Size  |      | Reach |       | Pack Wt. |      | Shelf Pack |
|---------------|--------------|------------------------|-----------|------|-------|-------|----------|------|------------|
|               |              |                        | Inch      | mm   | Inch  | mm    | lb       | kg   |            |
| <b>100*</b>   | 037103029805 | Adapter                | -         | -    | -     | -     | 0.25     | 0.11 | 10         |
| <b>PL331*</b> | 037103036926 | Pencil-plated          | 0.01 Cone | -    | 0.85  | 21.59 | 0.25     | 0.11 | 10         |
| <b>331*#</b>  | 037103030122 | Pencil-copper          | 0.01 Cone | -    | 0.85  | 21.59 | 0.25     | 0.11 | 10         |
| <b>PL332*</b> | 037103036940 | Offset pencil-plated   | 0.01 Cone | -    | 0.62  | 15.74 | 0.25     | 0.11 | 10         |
| <b>332*#</b>  | 037103030146 | Offset pencil-copper   | 0.01 Cone | -    | 0.62  | 15.74 | 0.25     | 0.11 | 10         |
| <b>PL333*</b> | 037103036964 | Chisel-plated          | 0.13      | 3.30 | 0.85  | 21.59 | 0.25     | 0.11 | 10         |
| <b>333*#</b>  | 037103030160 | Chisel-copper          | 0.12      | 3.04 | 0.85  | 21.59 | 0.25     | 0.11 | 10         |
| <b>PL338*</b> | 037103039880 | Tapered needle-plated  | 0.05      | 1.27 | 0.94  | 23.87 | 0.25     | 0.11 | 10         |
| <b>PL340*</b> | 037103037015 | Micro spade-plated     | 0.06      | 1.52 | 0.56  | 14.22 | 0.25     | 0.11 | 10         |
| <b>6960</b>   | 037103034576 | Pencil-plated          | 0.01 Cone | -    | 0.42  | 10.66 | 0.25     | 0.11 | 10         |
| <b>6951*#</b> | 037103034489 | Screwdriver-copper     | 0.06      | 1.52 | 0.49  | 12.44 | 0.25     | 0.11 | 10         |
| <b>6961*</b>  | 037103034595 | Screwdriver-plated     | 0.06      | 1.52 | 0.49  | 12.44 | 0.25     | 0.11 | 10         |
| <b>6953*#</b> | 037103034519 | Precision point-copper | 0.01      | -    | 0.42  | 10.66 | 0.25     | 0.11 | 10         |
| <b>6963*</b>  | 037103034618 | Precision point-plated | 0.01      | -    | 0.42  | 10.66 | 0.25     | 0.11 | 10         |
| <b>7062*</b>  | 037103034793 | Precision point-plated | 0.01      | -    | 0.85  | 21.59 | 0.25     | 0.11 | 10         |
| <b>7154</b>   | 037103034816 | Pencil-plated          | -         | -    | 0.85  | 21.59 | 0.25     | 0.11 | 10         |
| <b>7155*</b>  | 037103034830 | Chisel-plated          | 0.06      | 1.52 | 0.84  | 21.33 | 0.25     | 0.11 | 10         |

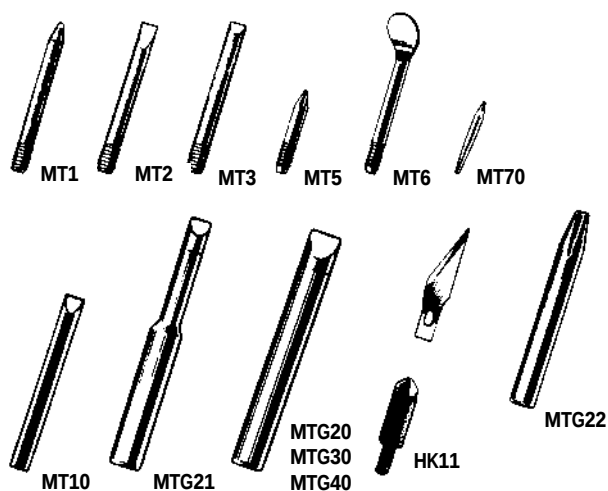


# Hot Air Nozzles for WHA700 and WHA 2000



| Cat. No.                 | UPC No.      | Description                                | Figure No.  | Size mm     | Size Inch     | Pack Wt. |      | Shelf Pack |
|--------------------------|--------------|--------------------------------------------|-------------|-------------|---------------|----------|------|------------|
|                          |              |                                            |             |             |               | lb       | kg   |            |
| 0058736818               | 037103045058 | Hot air nozzle                             |             | 14.8 x 14.8 | 0.555 x 0.555 | 0.06     | 0.03 | 1          |
| 0058736814               | 037103045027 | Hot air nozzle                             |             | 18 x 18     | 0.697 x 0.697 | 0.06     | 0.03 | 1          |
| 0058736807               | 037103045003 | Hot air nozzle                             |             | 20.5 x 20.5 | 0.803 x 0.803 | 0.07     | 0.03 | 1          |
| 0058736839               | 037103060884 | Hot air nozzle                             |             | 10.7 x 10.7 | 0.433 x 0.433 | 0.07     | 0.03 | 1          |
| 0058736838               | 037103060914 | Hot air nozzle                             |             | 14 x 10     | 0.571 x 0.394 | 0.07     | 0.03 | 1          |
| 0058736837               | 037103060907 | Hot air nozzle                             |             | 15.5 x 13   | 0.610 x 0.512 | 0.07     | 0.03 | 1          |
| 0058736804               | 037103045010 | Hot air nozzle                             |             | 26 x 26     | 0.997 x 0.997 | 0.04     | 0.02 | 1          |
| 0058736843               | 037103062673 | Hot air nozzle                             |             | 10 x 8      | 0.394 x 0.315 | 0.07     | 0.03 | 1          |
| 0058736842               | 037103060877 | Hot air nozzle                             |             | 14 x 10     | 0.551 x 0.394 | 0.07     | 0.03 | 1          |
| 0058736841               | 037103060860 | Hot air nozzle                             |             | 19 x 12     | 0.748 x 0.472 | 0.07     | 0.03 | 1          |
| 0058736840               | 037103060891 | Hot air nozzle                             |             | 21.5 x 14.8 | 0.846 x 0.551 | 0.07     | 0.03 | 1          |
| 0058736819               | 037103045065 | Nozzle adapter                             |             | 21 Dia.     | 0.825 Dia.    | 0.06     | 0.03 | 1          |
| 0058736833               | 037103060853 | Hot air nozzle                             |             | 31.3 x 31.3 | 1.26 x 1.26   | 0.16     | 0.07 | 1          |
| 0058736836               | 037103060822 | Hot air nozzle                             |             | 11.5 Dia.   | 0.453 Dia.    | 0.06     | 0.03 | 1          |
| 0058736857               | 037103089359 | Hot air nozzle                             |             | 38.0 x 38.0 | 1.497 x 1.497 | 0.20     | 0.09 | 1          |
| 0058736858               | 037103105455 | Hot air nozzle                             | SK0417      | 44.0 x 32.0 | 1.732 x 1.260 | 0.20     | 0.09 | 1          |
| 0058736867               | 037103105479 | Hot air nozzle                             | NR050       | 4.0 Dia.    | 0.157 Dia.    | 0.05     | 0.02 | 1          |
| 0058736870               | 037103105486 | Hot air nozzle                             | NR10        | 7.0 Dia.    | 0.276 Dia.    | 0.05     | 0.02 | 1          |
| 0058736873               | 037103105462 | Hot air nozzle                             | SK0490      | 40.0 x 40.0 | 1.575 x 1.575 | 0.20     | 0.09 | 1          |
| 0058736875               | 037103105431 | Hot air nozzle                             | NA20        | -           | -             | 0.04     | 0.02 | 1          |
| 0058736876               | 037103132635 | Hot air nozzle                             | SK509/A     | 27.0 x 12.0 | 1.064 x .473  | 0.03     | 0.01 | 1          |
| 0058736877               | 037103132611 | Hot air nozzle                             | SK509/B     | 29.0 x 17.0 | 1.143 x .670  | 0.05     | 0.02 | 1          |
| 0058736880               | 037103132604 | Hot air nozzle                             | SK460/A     | 24.5 x 12.0 | .946 x .473   | 0.05     | 0.02 | 1          |
| 0058736881               | 037103104267 | Hot air nozzle                             | SINGLE      | 2.5 Dia.    | 0.098 Dia.    | 0.20     | 0.09 | 1          |
| 0058736882               | 037103104274 | Hot air nozzle                             | 45° BENT    | 3.0 x 1.5   | 0.118 x 0.059 | 0.20     | 0.09 | 1          |
| 0058736883               | 037103104281 | Hot air nozzle                             | DUAL SINGLE | 2.5 x 9.5   | 0.098 Dia.    | 0.20     | 0.09 | 1          |
| 0058736890               | 037103132598 | Hot air nozzle                             | SK568       | 43.0 x 43.0 | 1.694 x 1.694 | 0.20     | 0.09 | 1          |
| 0058736891               | 037103132581 | Hot air nozzle                             | SK572       | 36.0 x 36.0 | 1.418 x 1.418 | 0.07     | 0.03 | 1          |
| 0058736892               | 037103132574 | Hot air nozzle                             | SK0578      | 27.0 x 14.0 | 1.064 x .552  | 0.10     | 0.04 | 1          |
| <b>Replacement parts</b> |              |                                            |             |             |               |          |      |            |
| W58713798                | 037103590268 | CSF rubber insert - 10 per bag - small 3mm |             |             |               | 0.03     | 0.01 | 1 bag      |
| W58713799                | 037103590275 | CSF rubber insert - 10 per bag - large 6mm |             |             |               | 0.02     | 0.01 | 1 bag      |

# MT and MTG Series Tips for Marksman® Irons

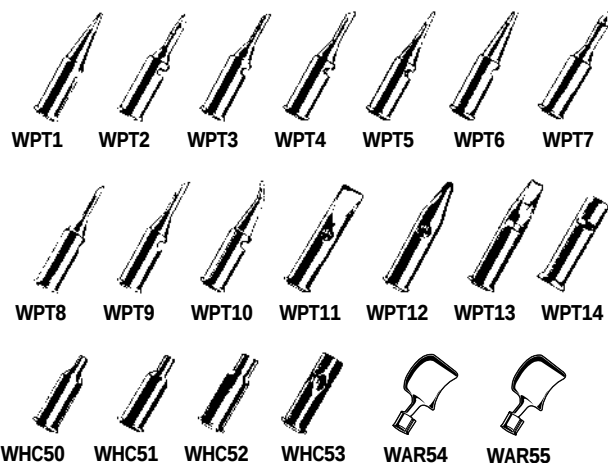


- Tips are solid copper, nickel plated and tinned
- MTG series tips are iron plated for heavy-duty soldering irons
- Bagged for point-of-purchase display

| Cat No. | UPC No.      | Description                 | Tip Size |    | Packed | Shelf Pack |
|---------|--------------|-----------------------------|----------|----|--------|------------|
|         |              |                             | Inch     | mm |        |            |
| MT1     | 037103472175 | SP23/SP25D Cone shaped tip  | 1/8      | 3  | 2/card | 6Cds       |
| MT2     | 037103472410 | SP23/SP25D Screwdriver tip  | 1/8      | 3  | 2/card | 6Cds       |
| MT3     | 037103472502 | SP23/SP25D Chisel tip       | 1/8      | 3  | 2/card | 6Cds       |
| MT5     | 037103472793 | SP23/SP25D Woodburning tip  | 1/8      | 3  | 1/card | 6Cds       |
| MT6     | 037103473004 | SP23/SP25D Smoother tip     | 1/8      | 3  | 1/card | 6Cds       |
| MT10    | 037103473615 | SP40/SP40D Chisel tip       | 1/4      | 6  | 2/card | 6Cds       |
| MT70    | 037103479808 | SP12 Cone shape tip         | 1/8      | 3  | 2/card | 10Cds      |
| MTG20   | 037103476593 | SPG80/WLC200 Chisel tip     | 3/8      | 10 | 1/card | 6Cds       |
| MTG21   | 037103476609 | SPG80/WLC200 Chisel tip     | 1/4      | 6  | 1/card | 6Cds       |
| MTG22   | 037103479822 | SPG80/WLC200 Cone shape tip | 3/8      | 10 | 1/card | 6Cds       |
| MTG30   | 037103477903 | SP120/SP120D Chisel tip     | 1/2      | 13 | 1/card | 6Cds       |
| MTG40   | 037103478672 | SP175 Chisel tip            | 5/8      | 16 | 1/card | 6Cds       |
| HK11    | 037103473622 | SP23/SP25D Blade and Chuck  | 1/8      | 3  | 1/card | 6Cds       |

# “WPT”, “WHC”, “WAR” Series Tips for Pyropen® Irons

- For WSTA3 and WPA2 Pyropen® Irons
- 13 soldering tip combinations available
- Multi-purpose catalyst and hot blow tip
- 3 inactive hot air nozzles for low temp heat
- **IMPORTANT:** Use only Weller® tips. Use of non-Weller® components may void product warranty if non-Weller® product causes damage to the unit



| Cat. No. | UPC No.      | Description                            | Tip Size |           | Pack Wt. |     | Shelf Pack |
|----------|--------------|----------------------------------------|----------|-----------|----------|-----|------------|
|          |              |                                        | Inch     | mm        | lb       | kg  |            |
| WPT1     | 037103472403 | Taper needle tip                       | -        | -         | 0.10     | .05 | 1          |
| WPT2     | 037103472427 | 2mm Chisel tip                         | .078     | 2         | 0.10     | .05 | 1          |
| WPT3     | 037103472441 | 2mm Spade tip                          | .078     | 2         | 0.10     | .05 | 1          |
| WPT4     | 037103472458 | 3mm 45° Spade tip                      | .118     | 3         | 0.10     | .05 | 1          |
| WPT5     | 037103472489 | Taper needle tip                       | -        | -         | 0.10     | .05 | 1          |
| WPT6     | 037103472496 | 2mm Micro Spade tip                    | .078     | 2         | 0.10     | .05 | 1          |
| WPT7     | 037103472526 | 0.5mm Sq. taper pyramid tip            | .020     | 0.5       | 0.10     | .05 | 1          |
| WPT8     | 037103472533 | 2mm 35° Spade tip                      | .078     | 2         | 0.10     | .05 | 1          |
| WPT9     | 037103472540 | 3mm 35° Spade tip                      | .118     | 3         | 0.10     | .05 | 1          |
| WPT10    | 037103472557 | 1mm Offset taper needle tip            | .040     | 1         | 0.10     | .05 | 1          |
| WPT11    | 037103472595 | 8mm High powered chisel tip            | .315     | 8         | 0.10     | .05 | 1          |
| WPT12    | 037103472700 | 3mm High powered round head needle tip | .118     | 3         | 0.10     | .05 | 1          |
| WPT13    | 037103472786 | 5mm High powered long taper chisel tip | .197     | 5         | 0.10     | .05 | 1          |
| WPT14    | 037103472816 | 8.4mm Multi-purpose catalyst           | .330     | 8.4       | 0.10     | .05 | 1          |
| WHC50    | 037103472823 | 2.5mm I.D. Hot blow tip                | .098     | 2.5       | 0.10     | .05 | 1          |
| WHC51    | 037103472991 | 3.3mm I.D. Hot air tip                 | .130     | 3.3       | 0.10     | .05 | 1          |
| WHC52    | 037103473400 | 4.9mm I.D. Hot air tip                 | .193     | 4.9       | 0.10     | .05 | 1          |
| WHC53    | 037103473592 | 7.4mm I.D. Hot air tip                 | .291     | 7.4       | 0.10     | .05 | 1          |
| WAR54    | 037103476388 | Hot air reflector                      | .69 I.D. | 17.4 I.D. | .013     | .01 | 10         |
| WAR55    | 037103476395 | Hot air reflector                      | .56 I.D. | 14.3 I.D. | .025     | .01 | 10         |

## “WPT” and “WHC” Series Tips for Pyropen® Irons



WPT15



WPT16



WPT17



WPT18



WHC54

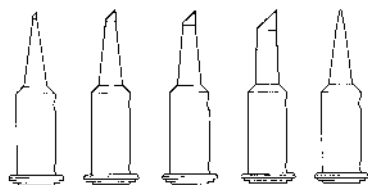


WHC55

- For WST2 Pyropen® Jr Irons
- “Longlife” tips
- 4 soldering tip combinations available
- 2 inactive hot air nozzles for low temp heat
- IMPORTANT: Use only Weller® tips. Use of non-Weller® components may void product warranty if the non-Weller® component causes damage to the unit

| Cat. No. | UPC No.      | Description            | Tip Size |          | Reach |      | Pack Wt. |     | Shelf Pack |
|----------|--------------|------------------------|----------|----------|-------|------|----------|-----|------------|
|          |              |                        | Inch     | mm       | Inch  | mm   | lb       | kg  |            |
| WPT15    | 037103477521 | .5mm Taper needle tip. | .04      | 1.0      | .551  | 14.0 | .035     | .02 | 1          |
| WPT16    | 037103477538 | 3mm Chisel point tip   | .09      | 2.4      | .551  | 14.0 | .035     | .02 | 1          |
| WPT17    | 037103477545 | 3mm Spade point tip    | .08      | 2.0      | .551  | 14.0 | .035     | .02 | 1          |
| WPT18    | 037103590831 | Stained glass tip      | .196     | 5.0      | .551  | 14.0 | .030     | .01 | 1          |
| WHC54    | 037103477552 | 1.5mm Hot air tip      | .06 I.D. | 1.5 I.D. | -     | -    | .025     | .01 | 1          |
| WHC55    | 037103477569 | 4.9mm Hot air tip      | .19 I.D. | 4.7 I.D. | -     | -    | .025     | .01 | 1          |

## “PS” Series Tips for Portasol® Irons



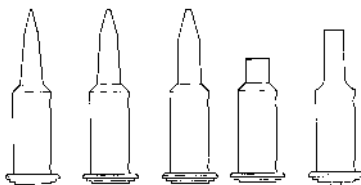
PSI 1

PSI 2

PSI 3

PSI 4

PSI 5



PSI 6

PSI 7

PSI 8

PSI 9

PSI 10

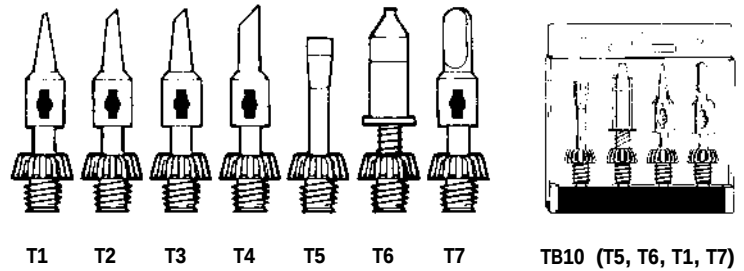
- Portasol® replacement tips for PSI100 tool
- Eight different size soldering tips to choose from
- One hot blower tip
- One hot knife tip
- Tips cannot be interchanged with other Portasol® irons

| Cat. No. | UPC No.      | Packed | Description                                                                   | Pack Wt. |      | Shelf Pack |
|----------|--------------|--------|-------------------------------------------------------------------------------|----------|------|------------|
|          |              |        |                                                                               | lb       | kg   |            |
| PSI1     | 037103062666 | Carded | 1/32" (1.0mm) single flat Soldering Tip-temperature range up to 850°F (450°C) | 0.20     | 0.09 | 5          |
| PSI2     | 037103062659 | Carded | 3/32" (2.4mm) single flat Soldering Tip-temperature range up to 850°F (450°C) | 0.20     | 0.09 | 5          |
| PSI3     | 037103062628 | Carded | 1/8" (3.2mm) single flat Soldering Tip-temperature range up to 850°F (450°C)  | 0.20     | 0.09 | 5          |
| PSI4     | 037103062635 | Carded | 3/16" (4.8mm) single flat Soldering Tip-temperature range up to 850°F (450°C) | 0.20     | 0.09 | 5          |
| PSI5     | 037103062604 | Carded | 1/32" (1.0mm) single flat Soldering Tip-temperature range up to 850°F (450°C) | 0.20     | 0.09 | 5          |
| PSI6     | 037103062611 | Carded | 3/32" (2.4mm) double flat Soldering Tip-temperature range up to 850°F (450°C) | 0.20     | 0.09 | 5          |
| PSI7     | 037103062581 | Carded | 1/8" (3.2mm) double flat Soldering Tip-temperature range up to 850°F (450°C)  | 0.20     | 0.09 | 5          |
| PSI8     | 037103062598 | Carded | 3/16" (4.8mm) double flat Soldering Tip-temperature range up to 850°F (450°C) | 0.20     | 0.09 | 5          |
| PSI9     | 037103060983 | Carded | Hot Blower Tip-temperature range up to 850°F (450°C)                          | 0.20     | 0.09 | 5          |
| PSI10    | 037103060990 | Carded | Hot Knife Tip-temperature range up to 850°F (450°C)                           | 0.20     | 0.09 | 5          |
| PSI11    | 037103127167 | Carded | Hot Air Reflector-temperature range up to 850°F (450°C)                       | 0.20     | 0.09 | 5          |

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## "T" Series Tips for Portasol® Irons

- Tips and accessories convert iron into soldering iron, blow torch, hot blower and hot knife
- T1 to T4 tips develop 850°F/450°C
- T5 blowtorch tip develops 2372°F/1300°C
- T6 hot blower tip develops 850°F/450°C

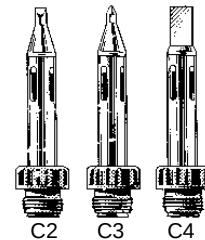


| Cat. No.    | UPC No.      | Description                             | Tip Size |      | Reach |       | Pack Wt. |      | Shelf Pack |
|-------------|--------------|-----------------------------------------|----------|------|-------|-------|----------|------|------------|
|             |              |                                         | Inch     | mm   | Inch  | mm    | lb       | kg   |            |
| <b>T1</b>   | 037103593412 | Fine point soldering tip                | .03      | .79  | .75   | 19.05 | .25      | .11  | 5          |
| <b>T2</b>   | 037103593429 | Spade tip                               | .09      | 2.38 | .75   | 19.05 | .25      | .11  | 5          |
| <b>T3</b>   | 037103593436 | Spade tip                               | .12      | 3.17 | .75   | 19.05 | .25      | .11  | 5          |
| <b>T4</b>   | 037103593443 | Spade tip                               | .18      | 4.74 | .75   | 19.05 | .25      | .11  | 5          |
| <b>T5</b>   | 037103593450 | Blow torch tip-temp range up to 2372°F  | -        | -    | -     | -     | .25      | .11  | 5          |
| <b>T6</b>   | 037103593467 | Hot blower tip-temp range up to 850°F   | -        | -    | -     | -     | .25      | .11  | 5          |
| <b>T7</b>   | 037103593399 | Hot knife tip-temp range up to 850°F    | -        | -    | -     | -     | .25      | .11  | 5          |
| <b>TB10</b> | 037103593405 | Tip kit; T1, T5, T6, T7 in durable case | -        | -    | -     | -     | 5.0      | 2.26 | 5          |

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## "C" Series Tips for Portasol® Irons

- Portasol® replacement tips for C1C tool
- Interchangeable screw-in tip
- Catalytic converter provides powerful and safe flameless combustion
- Tips cannot be used with other Portasol® irons
- Chisel, fine and hot knife tips are available



| Cat No.   | UPC No.      | Description   | Tip Size |      | Pack Wt. |     | Shelf Pack |
|-----------|--------------|---------------|----------|------|----------|-----|------------|
|           |              |               | Inch     | mm   | lb       | kg  |            |
| <b>C2</b> | 037103001719 | Chisel tip    | .12      | 3.17 | .25      | .11 | 5          |
| <b>C3</b> | 037103001726 | Fine tip      | .12      | 3.17 | .25      | .11 | 5          |
| <b>C4</b> | 037103001702 | Hot knife tip | -        | -    | .25      | .11 | 5          |

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# Tiplets for desoldering tools Threaded - DS110 to DS117



DS110



DS111



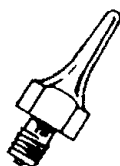
DS112



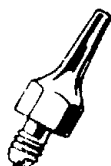
DS113



DS114



DS116



DS117

| Desoldering Station (Iron)               | Standard Head   | Tiplet Style        |
|------------------------------------------|-----------------|---------------------|
| DS2000ESD, DS700M<br>(DS1201ESD, DS1201) | DS219T<br>DS229 | Tapered<br>Threaded |
| DS800<br>(DS1203A)                       | DS229<br>DSH219 | Tapered<br>Threaded |
| DS700M<br>(DS1201, DS1201ESD)            | DS219T<br>DS229 | Tapered<br>Threaded |
| DS600<br>(DS601P)                        | DS218T<br>DS228 | Tapered<br>Threaded |
| DS500 E<br>(DS501)                       | DS229<br>DS219  | Tapered<br>Threaded |
| DS200/DS200K<br>(DS1204A)                | DS229           | Threaded            |
| DS100<br>(DS102, DS501)                  | DS227<br>DS217  | Tapered<br>Threaded |

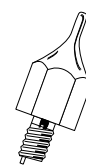
- Plated parts for contacting solder
- All tiplets have stainless steel liner brazed to tiplet for better heat transfer
- Entire tiplet is iron, nickel and chrome plated, then tinned
- Chrome plating eliminates need to apply anti-seizing compound on threads
- \* Available bulk packed (100 multiples only); 200 lot minimum order quantity; greater discount offered to orders of 600 lots and above
- To order in bulk, add suffix "B" to Cat. No. eg: DS112B
- IMPORTANT: Use only Weller soldering tiplets. Use of non-Weller components may void product warranty if the non-Weller component causes damage to the unit



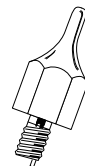
| Cat. No.      | UPC No.      | Out. Diam. |      | In. Diam. |      | Reach |       | Pk. Wt. |      | Shelf Pack |
|---------------|--------------|------------|------|-----------|------|-------|-------|---------|------|------------|
|               |              | Inch       | mm   | Inch      | mm   | Inch  | mm    | lb      | kg   |            |
| <b>DS110</b>  | 037103474384 | 0.062      | 1.52 | 0.024     | 0.63 | 0.50  | 12.70 | 1.50    | 0.68 | 5          |
| <b>DS111</b>  | 037103474391 | 0.093      | 2.28 | 0.024     | 0.63 | 0.50  | 12.70 | 1.50    | 0.68 | 5          |
| <b>DS112*</b> | 037103474414 | 0.078      | 1.93 | 0.031     | 0.91 | 0.50  | 12.70 | 1.50    | 0.68 | 5          |
| <b>DS113*</b> | 037103474445 | 0.093      | 2.48 | 0.046     | 1.16 | 0.50  | 12.70 | 1.50    | 0.68 | 5          |
| <b>DS114*</b> | 037103474452 | 0.125      | 3.25 | 0.073     | 1.80 | 0.50  | 12.70 | 1.50    | 0.68 | 5          |
| <b>DS116</b>  | 037103474490 | 0.093      | 2.48 | 0.043     | 1.14 | 0.75  | 19.05 | 1.50    | 0.68 | 5          |
| <b>DS117</b>  | 037103474513 | 0.093      | 2.28 | 0.024     | 0.63 | 0.75  | 19.05 | 1.50    | 0.68 | 5          |

## Threaded - DSH110 to DSH114

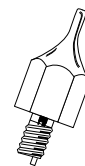
- Presently used solely on DS1203, DS1203A, DS1204A high mass desoldering tool (DS800 and DS200/DS200K)
- High mass tiplets hold more heat than standard tiplets
- Can transfer more heat to handle heavy multi-layer P.C. boards
- Makes desoldering faster...less chance of burning P.C. board
- Iron, nickel and chrome plated, then tinned tiplets; chrome plating protects tiplets from oxidation and prevents solder from creeping up outside of tiplet
- IMPORTANT: Use only Weller soldering tiplets. Use of non-Weller components may void product warranty if the non-Weller component causes damage to the unit



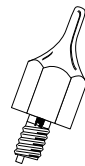
DSH110



DSH111



DSH112



DSH113



DSH114

| Cat. No. | UPC No.      | Out. Diam. |      | In. Diam. |      | Reach |       | Pk. Wt. |     | Shelf Pack |
|----------|--------------|------------|------|-----------|------|-------|-------|---------|-----|------------|
|          |              | Inch       | mm   | Inch      | mm   | Inch  | mm    | lb      | kg  |            |
| DSH110   | 037103593139 | 0.06       | 1.52 | 0.02      | 0.63 | 0.75  | 19.05 | 0.20    | .09 | 5          |
| DSH111   | 037103593269 | 0.09       | 2.28 | 0.02      | 0.63 | 0.75  | 19.05 | 0.20    | .09 | 5          |
| DSH112   | 037103593153 | 0.07       | 1.93 | 0.03      | 0.91 | 0.75  | 19.05 | 0.20    | .09 | 5          |
| DSH113   | 037103593160 | 0.09       | 2.48 | 0.04      | 1.14 | 0.75  | 19.05 | 0.20    | .09 | 5          |
| DSH114   | 037103593177 | 0.12       | 3.17 | 0.07      | 1.80 | 0.75  | 19.05 | 0.20    | .09 | 5          |

## Tapered - DS110T to DS114T

- Plated parts for contacting solder
- All tiplets have stainless steel liner brazed to tiplet for better heat transfer
- Iron, nickel and chrome plated, then tinned tiplet
- IMPORTANT: Use only Weller soldering tiplets. Use of non-Weller components may void product warranty if the non-Weller component causes damage to the unit



DS110T



DS112T



DS113T



DS114T



DS116T

| Cat. No. | UPC No.      | Out. Diam. |      | In. Diam. |      | Reach |       | Pk. Wt. |     | Shelf Pack |
|----------|--------------|------------|------|-----------|------|-------|-------|---------|-----|------------|
|          |              | Inch       | mm   | Inch      | mm   | Inch  | mm    | lb      | kg  |            |
| DS110T   | 037103479839 | 0.062      | 1.52 | 0.024     | 0.63 | 0.50  | 12.70 | 0.20    | .09 | 1          |
| DS112T   | 037103479853 | 0.078      | 1.93 | 0.031     | 0.91 | 0.50  | 12.70 | 0.20    | .09 | 1          |
| DS113T   | 037103479860 | 0.093      | 2.48 | 0.046     | 1.16 | 0.50  | 12.70 | 0.20    | .09 | 1          |
| DS114T   | 037103479877 | 0.125      | 3.17 | 0.073     | 1.80 | 0.50  | 12.70 | 0.20    | .09 | 1          |
| DS116T   | 037103479891 | 0.093      | 2.48 | 0.043     | 1.14 | 0.75  | 19.05 | 0.20    | .09 | 1          |



## Threaded - DST1 to DST6 for DS40P, DS60, DSTCP



DST1



DST2



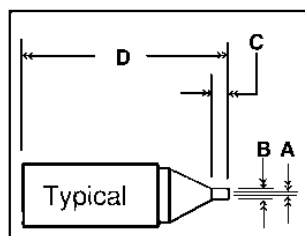
DST3

- Plated parts for contacting solder
- Nickel plated tiplets
- \* Available bulk packed (100 multiples only)
- Packaged 1 tip per card, 10 cards per box
- May be used with DS100, but with possibility of reduced tip life
- IMPORTANT: Use only Weller soldering tiplets. Use of non-Weller components may void product warranty if the non-Weller component causes damage to the unit



| Cat. No. | UPC No.      | Out. Diam. |      | In. Diam. |      | Reach |       | Pk. Wt. |     | Shelf Pack |
|----------|--------------|------------|------|-----------|------|-------|-------|---------|-----|------------|
|          |              | Inch       | mm   | Inch      | mm   | Inch  | mm    | lb      | kg  |            |
| DST1*    | 037103472090 | 0.076      | 1.98 | 0.038     | 0.96 | 0.50  | 12.70 | 0.15    | .07 | 10         |
| DST2*    | 037103472366 | 0.096      | 2.41 | 0.046     | 1.16 | 0.50  | 12.70 | 0.15    | .07 | 10         |
| DST3*    | 037103472465 | 0.125      | 3.17 | 0.055     | 1.49 | 0.50  | 12.70 | 0.15    | .07 | 10         |

## Tiplets for 5098 AS Desoldering Pistol and 5088 Desoldering Iron



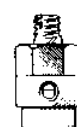
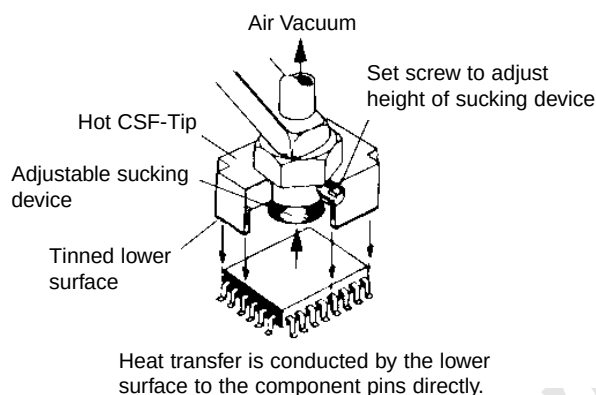
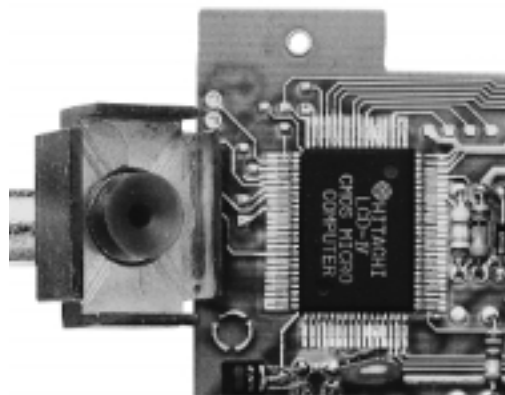
- Machined from special Weller® Alloy #24
- Highly resistant to abrasion and erosion by solder
- Superior wear characteristics when compared to ordinary copper or composite type tips
- Plated to prevent corrosion

Tiplets for 4098AS desoldering pistol

| Cat. No. | UPC No.      | A    |      | B    |      | C    |      | D     |       | Pk. Wt. |      | Shelf Pack |
|----------|--------------|------|------|------|------|------|------|-------|-------|---------|------|------------|
|          |              | Inch | mm   | Inch | mm   | Inch | mm   | Inch  | mm    | lb      | kg   |            |
| 4005     | 037103059840 | .032 | 0.81 | .060 | 1.52 | 0.12 | 3.05 | 1.312 | 33.32 | .027    | 0.12 | 1          |
| 4006     | 037103059857 | .040 | 1.02 | .080 | 2.03 | 0.12 | 3.05 | 1.312 | 33.32 | .027    | 0.12 | 1          |
| 4007     | 037103059864 | .062 | 1.57 | .100 | 2.54 | 0.12 | 3.05 | 1.312 | 33.32 | .027    | 0.12 | 1          |
| 4008     | 037103059871 | .089 | 2.26 | .120 | 3.05 | 0.12 | 3.05 | 1.312 | 33.32 | .027    | 0.12 | 1          |

# Desoldering Accessories for Surface Mount Technology (SMT) - SMT Tiplests (threaded) for DS200(K), DS500E, and DS800

- Threaded mount tiplest; used with desoldering tools fitted with threaded tiplest
- Makes quick work of flat or quad-pack desoldering w/o risk of damaging pads on circuit board
- Temperature controlled frame simultaneously melts solder of all connected leads
- Activate vacuum switch to gently lift component
- CSF accessories can also be used for soldering pre-tinned flat and quad packs
- Other CSF's can be produced, upon request, to meet other special specifications



CSFD1



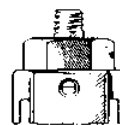
CSFD2



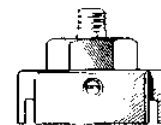
CSFD3



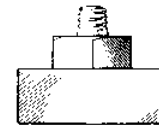
CSFD5



CSFQ1



CSFQ2



CSFD4

| Cat. No.                      | Order *    | UPC No.      | Description                                | Pack Wt. |     | Shelf Pack |
|-------------------------------|------------|--------------|--------------------------------------------|----------|-----|------------|
|                               |            |              |                                            | lb       | kg  |            |
| CSFD2                         | 0058713801 | 037103472151 | 5.8mm x 10.5mm size chip                   | .042     | .02 | 1          |
| CSFD4                         | 0058713803 | 037103472182 | 11.0mm x 26.5mm size chip                  | .073     | .03 | 1          |
| CSFD5                         | 0058713807 | 037103472205 | 10.0mm x 16.0mm size chip                  | .049     | .02 | 1          |
| CSFD6                         | 0058713835 | 037103593870 | 9.3mm x 13.0mm size chip                   | .336     | .15 | 1          |
| CSFD8                         | 0058713837 | 037103593887 | 9.8mm x 18.0mm size chip                   | .711     | .32 | 1          |
| △ CSFD9                       | 0058713841 | 037103593894 | 10.5mm x 16.0mm size chip                  | .049     | .02 | 1          |
| △ CSFD10                      | 0058713839 | 037103593900 | 10.7mm x 18.0mm                            | .053     | .02 | 1          |
| CSFQ1                         | 0058713804 | 037103472236 | 17.0mm x 17.0mm size chip (4-sided)        | .071     | .03 | 1          |
| CSFQ2                         | 0058713805 | 037103472243 | 17.0mm x 23.0mm size chip (4-sided)        | .086     | .04 | 1          |
| CSFQ4                         | 0058713844 | 037103593818 | 12.0mm x 14.5mm size chip (4-sided)        | .049     | .02 | 1          |
| CSFQ5                         | 0058713842 | 037103593825 | 12.7mm x 12.7mm size chip (4-sided)        | .049     | .02 | 1          |
| CSFQ6                         | 0058713840 | 037103593832 | 19.6mm x 19.6mm size chip (4-sided)        | .064     | .03 | 1          |
| <b>Tapered mount tiplests</b> |            |              |                                            |          |     |            |
| CSFD3T                        | 0058713810 | 037103473882 | 6.7mm x 10.0mm size chip                   | .044     | .02 | 1          |
| CSFD4T                        | 0058713811 | 037103473899 | 11.0mm x 26.5mm size chip                  | .075     | .03 | 1          |
| CSFD5T                        | 0058713814 | 037103473929 | 10.0mm x 16.0mm size chip                  | .053     | .02 | 1          |
| CSFQ1T                        | 0058713812 | 037103473936 | 17.0mm x 17.0mm size chip (4-sided)        | .086     | .04 | 1          |
| CSFQ2T                        | 0058713813 | 037103473943 | 17.0mm x 23.0mm size chip (4-sided)        | .092     | .04 | 1          |
| <b>Replacement parts</b>      |            |              |                                            |          |     |            |
| W58713798                     | -          | 037103590268 | CSF rubber insert - 10 per bag - small 3mm | .026     | .01 | 1 bag      |
| W58713799                     | -          | 037103590275 | CSF rubber insert - 10 per bag - large 6mm | .022     | .01 | 1 bag      |

△ Made to order, contact customer service for delivery.

\* Please use order number for inquiries and when ordering.

# Soldering Guns



## GT7A Solid State soldering gun

- Temperature controlled with fast 6-second heat-up
- Interchangeable power heads give choice of 600°F (315°C) or 700°F (370°C) capability
- Designed for modern solid state electronic work
- Carded
- UL listed



## 8200 Soldering gun - Universal (140/100 watts)

- All purpose gun
- Fingertip trigger selection of high or low output from instant-heatgun-ready to solder in 6 seconds
- High efficiency tin plated, pure copper tip
- Light illuminates work
- Compact, balanced pistol-grip design
- Available with 2-wire and 3-wire cord
- Tips listed on page 129
- UL listed

| Cat. No. | UPC No.      | Description                                          | Pack Wt. |      | Shelf Pack |
|----------|--------------|------------------------------------------------------|----------|------|------------|
|          |              |                                                      | lb       | kg   |            |
| GT7A     | 037103473202 | Complete gun w/ 700°F Power Head & Tip-0.187" chisel | 5.25     | 2.38 | 6          |
| GT6B     | 037103472977 | Complete gun w/600°F power head & tip-0.125" cone    | 5.25     | 2.38 | 6          |
| GT7A3    | 037103473219 | Same as GT7a but w/3 wire cord                       | 5.25     | 2.38 | 6          |
| 7A       | 037103473196 | 700°F power head and Tip- 0.187" chisel              | 1        | 0.45 | 6          |
| 6B       | 037103472830 | 600°F Power head and tip-0.125" cone                 | 1        | 0.45 | 6          |
| Δ GT     | 037103472014 | Handle only with trigger and cord                    | 0.60     | 0.30 | 1          |
| Δ GT3    | 037103472472 | Handle only with trigger and cord- 3 wire cord       | 13.72    | 6.22 | 1          |
| 8200     | 037103475848 | Soldering Gun                                        | 7.5      | 3.40 | 3          |
| 8200D    | 037103475978 | Soldering Gun, 240v                                  | 15       | 6.80 | 6          |

Δ Made to order, contact customer service for delivery.

# Soldering Gun - Professional and Industrial

## D550 Professional soldering gun (260/200 watts)

- Heavy-duty gun
- High output gun w/2-position trigger selection of dual heats
- Heavy gauge, high efficiency, tin plated, copper tip comes up to temperature in 6 seconds
- Balanced pistol-grip design with twin lights to illuminate work
- Available with 2-wire or 3-wire cord
- Tips listed on page 129
- UL listed

## D650 Industrial soldering gun (300/200 watts)

- Reliable new industrial-quality tool
- Highest power output of all our soldering guns: 300 watts in high trigger position and 200 watts in low trigger position
- Features nickel-plated copper secondary, heat-resistant thermoplastic housing
- Tin plated copper tip
- Heavy-duty grounded cord
- Selection of soldering, cutting and smoothing tips available



| Cat. No. | UPC No.      | Description                | Pack Wt. |      | Shelf Pack |
|----------|--------------|----------------------------|----------|------|------------|
|          |              |                            | lb       | kg   |            |
| D550     | 037103475411 | Soldering gun              | 8.1      | 3.67 | 3          |
| D5503    | 037103475435 | Soldering Gun 3 Wire       | 16.2     | 7.35 | 6          |
| 8250D    | 037103475992 | Soldering Gun, 240v - 220w | 16.2     | 7.35 | 6          |
| D650     | 037103079480 | Soldering Gun              | 3.9      | 1.77 | 1          |

# Soldering Gun Kits



7200PK

7200PK Standard kit - Standard lightweight (75W)

- 7200 soldering gun in plastic case
- Coil of lead-free rosin core solder
- 2 soldering tips and instruction leaflet

8200PK Soldering gun kit - Universal

(140/100 watts)

- 7-piece kit with 8200 soldering gun
- Includes: 1 soldering tip; 1 sealing tip; 1 cutting tip; coil of lead-free rosin core solder; hex wrench
- Sturdy plastic carrying case
- For information on soldering gun, refer to Catalog Number 8200, page 126
- UL listed

D550PK Soldering gun kit - Professional

(260/200 watts)

- 7-piece heavy duty kit with D550 soldering gun
- Includes: 1 soldering tip; 1 sealing tip; 1 cutting tip; coil of lead-free rosin core solder; hex wrench
- Sturdy plastic carrying case
- For information on soldering gun, refer to Catalog Number D550, page 127
- UL listed



8200PK

| Cat. No. | UPC No.      | Description                    | Pack Wt. |      | Shelf Pack |
|----------|--------------|--------------------------------|----------|------|------------|
|          |              |                                | lb       | kg   |            |
| 7200PK   | 037103478801 | Soldering Gun Kit              | 6        | 2.72 | 3          |
| 8200PK   | 037103475862 | Soldering Gun Kit              | 10       | 4.54 | 3          |
| 8200DPK  | 037103475985 | Soldering Gun Kit              | 10       | 4.54 | 3          |
| D550PK   | 037103475428 | Soldering Gun Kit              | 11.5     | 5.22 | 3          |
| 8250DPK  | 037103476005 | Soldering Gun Kit, 240v - 220w | 11.5     | 5.22 | 3          |

# Replacement Tips for Soldering Guns

## Replacement tips for soldering guns

- Complete line of cutting, smoothing, standard and tin plated tips, all made of copper, for Weller soldering guns
- **IMPORTANT:** Use only Weller soldering tips. Use of non-Weller components may void product warranty if the non-Weller component causes damage to the unit



Rope Cutting tip



Iron Plated tip



Standard tip



Cutting tip



Smoothing tip

| Cat. No.                | UPC No.      | Description                                | Shelf Pack |
|-------------------------|--------------|--------------------------------------------|------------|
| <b>Cutting tip</b>      |              |                                            |            |
| 6110                    | 037103475565 | Tip with hex nut for 8200/9200K            | 6          |
| 6130                    | 037103475589 | Tip with hex nut for D550                  | 6          |
| 6130AN                  | 037103592002 | Tip with hex inserts & acorn nuts for D550 | 6          |
| 6150                    | 037103480415 | Tip only for 8200/D550                     | 6          |
| <b>Smoothing tip</b>    |              |                                            |            |
| 6120                    | 037103475572 | Tip with hex nut for 8200/9200K            | 6          |
| 6140                    | 037103475596 | Tip with hex nut for D550                  | 6          |
| 6140AN                  | 037103592019 | Tip with acorn nut for D550                | 6          |
| 6160                    | 037103480422 | Tip only for 8200/D550                     | 6          |
| <b>Standard tip</b>     |              |                                            |            |
| 7135W                   | 037103475657 | Tip only-2 per card for 8200/9200K         | 6          |
| 7135N                   | 037103475664 | Tip with hex nut for 8200                  | 6          |
| 7235                    | 037103478818 | Tip only-2 per card for 7200               | 6          |
| 7250W                   | 037103475718 | Tip only-2 per card for D550               | 6          |
| 7250AN                  | 037103592026 | Tip with acorn nut for D550                | 6          |
| 7250N                   | 037103475725 | Tip with hex nut for D550                  | 6          |
| <b>Iron plated tip</b>  |              |                                            |            |
| 8125W                   | 037103475824 | Tip only-2 per card for 8200               | 6          |
| 8125N                   | 037103475831 | Tip with hex nut for 8200                  | 6          |
| <b>Rope cutting tip</b> |              |                                            |            |
| RCT                     | 037103590237 | Rope cutting tip for 8200                  | 6          |

## Soldering gun accessories and parts

- Soldering gun replacement parts
- Please order part by catalog number and specify gun model number if not apparent within chart

| Cat. No. | UPC No.      | Description                                    | Shelf Pack |
|----------|--------------|------------------------------------------------|------------|
| 7194     | 037103475671 | Light-bulb wedge type for 8200 guns            | 1          |
| 7323     | 037103475749 | Switch for single heat model (7200)            | 1          |
| 7324     | 037103475756 | Switch for dual heat models (8200; D550; D650) | 1          |
| 7325     | 037103475763 | Tip nuts for models 8100, 8200                 | 12         |
| 7417     | 037103475800 | Tip nuts for model D550/D650                   | 1          |
| 8200RH   | 037103475879 | Right & left housings for 8200 series          | 1          |
| D550RH   | 037103475442 | Right & left housings for D550, D650 series    | 1          |

# 6966C (250 Watts) and 6970 (750 Watts) Heat Guns



6966C

## 6966C Heat Gun (250 Watts)

- NOW ESD SAFE
- Designed for assembly and repair applications in production plants, laboratories and service shops
- Long-life heater and fan components
- Shrink tubing and vinyl/T.F.E.
- Epoxy curing, drying and cooling
- Approximately 750°F to 800°F hot air at nozzle; 3-position switch...Hot - Off - Cool
- 3-wire grounded plug 6' power cord
- Lightweight, 13oz. with cord
- UL and cUL Listed



6970

## 6970 Heat Gun (750 Watts)

- Heavy-duty heat gun with long-life heater and motor
- Softening and forming plastic laminates
- Removing paints and finishes
- Heat shrinking cables and terminals
- Curing epoxy and loosening adhesives
- 3-wire grounded 6' power cord
- Dual temperature: 1000°F (750w) and 700 °F (350w); 3-way switch...Hi - Off - Low
- Lightweight, 28oz.
- UL and cUL Listed

| Cat. No. | UPC No.      | Description                                             | Pack Wt. |      | Shelf Pack |
|----------|--------------|---------------------------------------------------------|----------|------|------------|
|          |              |                                                         | lb       | kg   |            |
| 6966C    | 037103034656 | Industrial Heat Gun, 120v, 250w, 60Hz                   | 1.200    | 0.54 | 1          |
| 6956     | 037103034533 | Reflector (.50")                                        | 0.035    | 0.02 | 1          |
| 6957     | 037103034540 | Reflector (1.50")                                       | 0.041    | 0.02 | 1          |
| 6958     | 037103034557 | Baffle/Reducing                                         | 0.039    | 0.02 | 1          |
| 6964     | 037103034632 | Reflector (.20")/Precision                              | 0.071    | 0.03 | 1          |
| 6965A    | 037103034649 | Heat Gun Wire Stand                                     | 0.450    | 0.20 | 1          |
| 6970     | 037103034700 | Heat Gun, Heavy duty-Dual temperature, 120v, 750w, 60Hz | 2.93     | 1.33 | 1          |
| 1080     | 037103030696 | Reducer for concentrating heat                          | 0.25     | 0.11 | 10         |
| 1082     | 037103030719 | Reflector for heat shrink tubing/caps                   | 0.25     | 0.11 | 10         |
| 1085     | 037103030733 | Baffle Kit                                              | 0.75     | 0.33 | 10         |
| 6959     | 037103034564 | Adapter for 6966C baffles for use with 6970 gun         | -        | -    | 1          |



# 1095 (1000 Watts) Heat Gun

- Dual temperature, economical heat gun, ideal for most heat gun applications
- Applying heat shrinking products
- Curing epoxy and softening adhesives
- Drying, thawing frozen pipes
- Softening and molding plastics
- Heating liquids and stripping paint
- Dual temperature 1200°F (1000w) and 790°F (400W);  
3-way switch: Hi - Off - Low
- 3-wire grounded plug 6' power cord
- Lightweight, 22oz. with cord
- UL and cUL Listed



| Cat. No. | UPC No.      | Description                                     | Pack Wt. |      | Shelf Pack |
|----------|--------------|-------------------------------------------------|----------|------|------------|
|          |              |                                                 | lb       | kg   |            |
| 1095     | 037103030740 | Heat Gun, Dual Temperature, 120v, 1000w, 60Hz   | 1.93     | 0.88 | 1          |
| 1080     | 037103030696 | Reducer for concentrating heat                  | 0.25     | 0.11 | 10         |
| 1082     | 037103030719 | Reflector for heat shrink tubing/caps           | 0.25     | 0.11 | 10         |
| 6959     | 037103034564 | Adapter for 6966C baffles for use with 1095 gun | -        | -    | 1          |
| 1085     | 037103030733 | Baffle Kit                                      | 0.75     | 0.33 | 10         |