

Section 17: Soldering/Desoldering

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Soldering/Desoldering - Stations, Irons & Tips



95 Watts Digital Soldering Station with WMP Micro Soldering Pencil

The heating element is contained in the pencil rather than the tip. Micro soldering pencil with the shortest tip-to-grip distance (37mm) on the market today gives excellent control and puts you closer to the work. Applications: Production, rework, and repair of through hole and SMT boards. Lead-free solder applications. Most ground planes and multi-layer boards.



Part #	Description
WD1001	WD1001 power unit, WMP soldering pencil, and WMPH stand and sponge. UL and cUL listed. Use new NT series tips.
WMP	WMP Micro Soldering Replacement Pencil

NT Series Tips for WMP Micro Soldering Pencil

Part #	Description
NT1	.010" x 0.291" Micro Tip
NT1S	.010" x 0.333" Micro Tip
NT1X	.016" x 0.321" Bent Round Tip
NT4	.047" x 0.390" Round Tip
NT6	.063" x 0.372" Chisel Tip
NTA	0.63" x 0.331" Chisel Tip
NTB	.094" x 0.289" Chisel Tip
NTC	.126" x 0.302" Chisel Tip
NTD	.157" x 0.305" Chisel Tip
NTH	.031" x 0.331" Chisel Tip
NTK	0.63" x 0.339" Bent Chisel Tip
NTAX	0.63" x 0.339" Bent Chisel Tip
NTGW	.410" x 0.280" SMT Blade Tip

Digital Self-Contained Desoldering Stations

Vacuum is generated with a self-contained pump. The pump also generates air should you want to use the optional HAP1 hot air pencil. Features digital process control for exact temperature set gives you control over the process. Station also supports Silver Series soldering pencils WP80 and WMP Micro Pencil for added flexibility. Programmable using the optional WCB1 control module allows for temperature lock-out (process control), temperature set-back (extended tip life) and °F to °C conversion and is ESD safe to protect sensitive components. WRS1002 control unit, DXV80 inline desoldering pencil and AKV stand. Internal solder collection chamber.



Part # WRS1002X

WES51 & WESD51 Soldering Stations

Innovative heater and sensor combination gives you quick heat-up and rapid temperature recovery. Wireless temperature lockout to prevent operators from raising the temperature to levels higher than specified for the board or component. Gives you control over the process. Station automatically powers down after 90 minutes of inactivity to prolong tip life and save power. Applications: Production, rework, and repair of through hole and SMT boards. Most ground planes and multi-layer boards.



Part #	Description
WES51	Analog, includes WES51PU power unit, PES51 soldering pencil, PH50 stand, sponge
WESD51	Digital, includes WESD51PU power unit, PES51 Soldering pencil, PH50 stand, sponge.



WTCPT Controlled Output Station

Utilizes unique closed loop method of controlling maximum tip temperature - protects temperature sensitive components. A ferromagnetic 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 are 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.



Part #	Description
WTCPT	Complete station, 120v
EC234	Heater assembly, TC201T
TC201T	Replacement iron, PTA7 tip

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.



600°F (315°C)

Part #	Description	Tip Size inch (mm)	Reach inch (mm)
PTA6	Screwdriver	0.062 (1.57)	0.62 (15.87)
PTH6	Screwdriver	0.031 (0.79)	0.62 (15.87)
PTO6	Long conical	0.031 (0.79)	1.00 (25.40)
PTP6	Conical	0.031 (0.79)	0.62 (15.87)
PTR6	Narrow screwdriver	0.062 (1.58)	0.62 (15.87)

700°F (371°C)

Part #	Description	Tip Size inch (mm)	Reach inch (mm)
PTA7	Screwdriver	0.062 (1.57)	0.62 (15.87)
PTAA7	Single flat	0.062 (1.57)	0.62 (15.87)
PTB7	Screwdriver	0.093 (2.38)	0.62 (15.87)
PTBB7	Single flat	0.093 (2.38)	0.62 (15.87)
PTC7	Screwdriver	0.125 (3.17)	0.62 (15.87)
PTCC7	Single flat	0.125 (3.17)	0.62 (15.87)
PTD7	Screwdriver	0.187 (4.74)	0.62 (15.87)
PTDD7	Single flat	0.187 (4.74)	0.62 (15.87)
PTF7	Conical flat	0.047 (1.19)	0.62 (15.87)
PTH7	Screwdriver	0.031 (0.79)	0.62 (15.87)
PTJ7	Screwdriver	0.015 (0.39)	1.00 (25.40)
PTK7	Long screwdriver	0.046 (1.19)	1.00 (25.40)
PTL7	Long screwdriver	0.078 (1.98)	1.00 (25.40)
PTM7	Long screwdriver	0.125 (3.17)	1.00 (25.40)
PTO7	Long conical	0.031 (0.79)	1.00 (25.40)
PTP7	Conical	0.031 (0.79)	0.62 (15.87)
PTR7	Narrow screwdriver	0.062 (1.58)	0.62 (15.87)
PTS7	Long conical	0.015 (0.39)	1.00 (25.40)

800°F (427°C)

Part #	Description	Tip Size inch (mm)	Reach inch (mm)
PTA8	Screwdriver	0.062 (1.57)	0.62 (15.87)
PTAA8	Single flat	0.062 (1.57)	0.62 (15.87)
PTB8	Screwdriver	0.093 (2.38)	0.62 (15.87)
PTBB8	Single flat	0.093 (2.38)	0.62 (15.87)
PTC8	Screwdriver	0.125 (3.17)	0.62 (15.87)
PTCC8	Single flat	0.125 (3.17)	0.62 (15.87)
PTD8	Screwdriver	0.187 (4.74)	0.62 (15.87)
PTDD8	Single flat	0.187 (4.74)	0.62 (15.87)

Soldering/Desoldering - Stations, Irons & Tips



PT Series Tips for TC201 Series Iron (cont.)

800°F (427°C)

Part #	Description	Tip Size inch (mm)	Reach inch (mm)
PTE8	Screwdriver	0.234 (5.95)	0.62 (15.87)
PTF8	Conical flat	0.047 (1.19)	0.62 (15.87)
PTH8	Screwdriver*	0.031 (0.79)	0.62 (15.87)
PTJ8	Screwdriver	0.15 (0.39)	1.00 (25.40)
PTK8	Long screwdriver*	0.046 (1.19)	1.00 (25.40)
PTL8	Long screwdriver*	0.078 (1.98)	1.00 (25.40)
PTM8	Long screwdriver	0.125 (3.17)	1.00 (25.40)
PTO8	Long conical*	0.031 (0.79)	1.00 (25.40)
PTP8	Conical*	0.031 (0.79)	0.62 (15.87)
PTR8	Narrow screwdriver*	0.062 (1.58)	0.62 (15.87)
PTS8	Long conical*	0.015 (0.39)	1.00 (25.40)

Hobby / DIY Station

On/off switch with "power-on" indicator light. Variable power control produces 5-40 watts. Quality light-weight 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. UL listed, cUL version available. Not ESD safe. Complete station, 40 watt iron. Input and output voltage is 120. Temperature range is 900°F max. Footprint inches (mm) is 4.5 x 5.9 x 3.6 (114 x 150 x 91).



Part # WLC100

WD1002 Digital Silver Series Soldering Stations

Immediate heat is experienced from the combination of a unique silver heating element and tip configuration which allows faster, more efficient soldering. High output pencil allows you to work with lead-free solder while keeping tip costs low. Fast recovery and minimal temperature loss when making fast connections. Irons fitted with a non-burnable silicone rubber cord for safety. UL and cUL listed. ESD safe to protect sensitive components.



Part #	Power Consumption
WD1002	95W
WD2	160W

80 Watts Soldering Pencil for Silver Series Soldering Stations

Product features: Power consumption is 80 watts. Heating element type is silver spool. Iron cord length is 4 foot. Supplied tip is LTB.



Part # WP80

LT Series Tips for WP80 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.



Part #	Tip Style	Tip Width in (mm)	Tip Thick/Height in (mm)	Reach/Length in (mm)
0054441799	SMTA Adapter	0.532 (13.50)	n/a	n/a
LTA	Chisel	0.063 (1.60)	0.028 (0.70)	0.380 (9.70)
LTB	Chisel	0.094 (2.40)	0.031 (0.79)	0.430 (10.90)
LTC	Chisel	0.126 (3.20)	0.031 (0.79)	0.430 (10.90)

LT Series Tips for WP80 Irons (cont.)

Part #	Tip Style	Tip Width in (mm)	Tip Thick/Height in (mm)	Reach/Length in (mm)
LTD	Chisel	0.181 (4.60)	0.031 (0.79)	0.430 (10.90)
LTH	Chisel	0.031 (0.79)	0.016 (0.40)	0.430 (10.90)
LTK	Chisel	0.047 (1.20)	0.016 (0.40)	0.730 (18.50)
LTL	Chisel	0.078 (2.00)	0.039 (1.00)	0.790 (20.00)
LTM	Chisel	0.126 (3.20)	0.047 (1.20)	0.790 (20.00)
LT1	Round	0.010 (0.25)	-	0.430 (10.90)
LT1L	Round	0.008 (0.20)	-	0.980 (25.00)
LT1S	ROund	0.008 (0.20)	-	0.790 (20.00)
LTAS	Round	0.063 (1.60)	-	0.380 (9.70)
LTCS	Round	0.126 (3.20)	-	0.430 (10.90)
LTS	Round	0.016 (0.40)	-	0.790 (20.00)
LT1LX	Bent Round	0.008 (0.20)	-	0.980 (25.00)
LT1SLX	Bent Round	0.012 (0.30)	-	0.760 (19.20)
LT1X	Bent Round	0.010 (0.25)	-	0.370 (9.40)
LT4X	Bent Chisel	0.047 (1.20)	0.016 (0.40)	0.590 (15.00)
LTAX	Bent Chisel	0.063 (1.60)	0.032 (0.80)	0.500 (12.70)
LTHX	Bent Chisel	0.031 (0.79)	0.016 (0.40)	0.790 (20.00)
LTF	Single Flat	0.047 (1.20)	-	0.490 (12.50)
LTKN	Knife	0.059 (1.50)	0.033 (0.80)	0.730 (18.50)
LTSMT01	SMT Blade	0.410 (10.41)	0.022 (0.56)	0.280 (7.11)
LTSMT02	SMT Blade	0.620 (16.75)	0.022 (0.56)	0.280 (7.11)
LTSMT03	SMT Blade	0.820 (20.83)	0.022 (0.56)	0.280 (7.11)

Digital Shop Air Desoldering Stations

High performance desoldering tool for safely and efficiently removing through hole components from PCB's. Features digital process control for exact temperature set, gives you control over the process. Microprocessor circuitry automatically recognizes other Weller soldering accessories and provides the optimal setting for that tool. Uses fast response shop air. ESD safe to protect sensitive components. Allows for temperature lock-out (process control), temperature set-back (extended tip life) and °F to °C conversion. Complete with DV80 in-line desoldering tool with internal solder collection chamber is ideal for vertical desoldering.



Part #	Description
WDD81X	Power unit
DXV80	Desoldering pencil

Soldering/Desoldering - Stations, Irons & Tips



WAD101 Digital Shop Air Hot Air Station

Air flow is adjustable using knob on the side of the power unit. Compact design is ideal for soldering, desoldering, and rework of SMT components. Uses fast acting shop air or compressed nitrogen. Air flow is actuated by a finger switch on the hot air pencil. Full range of hot air nozzles is available and is ESD safe to protect sensitive components.



Part # WAD101

WHA300 Hot Air Rework Station, Self-Contained

700 Watt hot air station handles most benchtop rework jobs. Compact design maximized workspace efficiency. Temperature and air flow are controlled on top panel. Built-in handpiece holder saves bench space. Temperature range is 122°F to 1022°F.



Part # WHA300

W60P Controlled-Output Iron

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 three-wire grounded cord set. Fume extraction adapter kit available. Uses CT Series Tips. UL and cUL Listed. Not ESD safe.



Part #	Description
W60P	Iron
W60P3	Iron, 3-wire
HEW60P	Replacement Heater for W60P and W60P3

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.



Part #	Description	Temperature	Tip Size inch (mm)	Reach inch (mm)
CT5A7	W60P Screwdriver tip	700°F (371°C)	0.062 (1.58)	1.15 (29.36)
CT5A8	W60P Screwdriver tip	800°F (427°C)	0.062 (1.58)	1.15, 29.36
CT5B7	W60P Screwdriver tip	700°F (371°C)	0.093 (2.38)	1.15 (29.36)
CT5B8	W60P Screwdriver tip	800°F (427°C)	0.093 (2.38)	1.15 (29.36)
CT5C6	W60P Screwdriver tip	600°F (315°C)	0.125 (3.17)	1.15 (29.36)
CT5C7	W60P Screwdriver tip	700°F (371°C)	0.125 (3.17)	1.15 (29.36)
CT5C8	W60P Screwdriver tip	800°F (427°C)	0.125 (3.17)	1.15 (29.36)
CT5D7	W60P Screwdriver tip	700°F (371°C)	0.187 (4.74)	1.15 (29.36)
CT5D8	W60P Screwdriver tip	800°F (427°C)	0.187 (4.74)	1.15 (29.36)
CT5E7	W60P Screwdriver tip	700°F (371°C)	0.250 (6.35)	1.15 (29.36)
CT5E8	W60P Screwdriver tip	800°F (427°C)	0.250 (6.35)	1.15 (29.36)
CT6C6	W100PG Screwdriver tip	600°F (315°C)	0.125 (3.17)	1.37 (34.92)



CT Series Tips for W60P and W100P Irons (cont.)

Part #	Description	Temperature	Tip Size inch (mm)	Reach inch (mm)
CT6C7	W100PG Screwdriver tip	700°F (371°C)	0.125 (3.17)	1.37 (34.92)
CT6C8	W100PG Screwdriver tip	800°F (427°C)	0.125 (3.17)	1.37 (34.92)
CT6D6	W100PG Screwdriver tip	600°F (315°C)	0.187 (4.74)	1.37 (34.92)
CT6D7	W100PG Screwdriver tip	700°F (371°C)	0.187 (4.74)	1.37 (34.92)
CT6D8	W100PG Screwdriver tip	800°F (427°C)	0.187 (4.74)	1.37 (34.92)
CT6E6	W100PG Screwdriver tip	600°F (315°C)	0.250 (6.35)	1.37 (34.92)
CT6E7	W100PG Screwdriver tip	700°F (371°C)	0.250 (6.35)	1.37 (34.92)
CT6E8	W100PG Screwdriver tip	800°F (427°C)	0.250 (6.35)	1.37 (34.92)
CT6F6	W100PG Screwdriver tip	600°F (315°C)	0.375, 9.52	1.37, 34.92
CT6F8	W100PG Screwdriver tip	800°F (427°C)	0.375, 9.52	1.37, 34.92

Marksman® Soldering Irons

Fine quality consumer iron. Replaceable nickel plated copper tips. Heat and impact resistant plastic handle stays cool and last long. Can handle a wide variety of applications. Lighted versions feature a new on/off indicator light. Stained glass (SPG80) is iron plated copper tips. Sheet metal work (SP175). Line voltage is 120. Heating element type is nichrome wound, fiberglass and ceramic insulated. IMPORTANT: Use only Weller® tips. UL listed - cUL version available.



Part # SP23LK

Marksman® 25S Soldering Iron

Fine quality consumer iron. Replaceable nickel plated copper tips. Heat and impact resistant plastic handle stays cool and last long. Can handle a wide variety of applications. Lighted versions feature a new on/off indicator light. Line voltage is 120. Heating element type is nichrome wound, fiberglass and ceramic insulated. IMPORTANT: Use only Weller® tips. UL listed - cUL version available. Tip temperature is 750°F (400°C). Standard tip is MT1.



Part # SP23L

MT Series Tips for Marksman® Irons

Tips are solid copper, nickel plated and tinned. SP23/SP25D Cone shaped tip. Tip size is 1/8 in. (3 mm).



Part # MT1

WP25, WP30 and WP35 Controlled-Output Irons

These versatile irons feature interchangeable heating elements - allows you to change wattage (25, 30 or 35) 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. Fume extraction adapter kit available. UL and cUL listed (120 VAC units only). Not ESD safe. Line voltage is 120V. Heating element type is nichrome wound, fiberglass and ceramic insulated. Length (without cord or tip) is 7.875" (200mm). Iron cord length is 6' (1.8m). Standard tip is ST3. Iron stand is PH60#.



Part #	Power Consumption	Tip Temperature
WP25	25W	750°F (399°C)
WP30	30W	800°F (427°C)
WP35	35W	850°F (454°C)

Soldering/Desoldering - Stations, Irons & Tips



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. Reach is 0.75 inches (19.05 mm).



Part #	Description	Tip Size - Inch (mm)
ST1	Screwdriver tip	0.062 (1.58)
ST2	Screwdriver tip	0.093 (2.38)
ST3	Screwdriver tip	0.125 (3.17)
ST4	Screwdriver tip	0.187 (4.74)
ST5	Single flat tip	0.031 (0.79)
ST6	Screwdriver tip	0.031 (0.79)
ST7	Conical tip	0.031 (0.79)
ST8	Narrow SD tip	0.062 (1.58)

EC Series Soldering Irons

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. A wide variety of copper tips with heavy iron, nickel and chromium plating is available. UL and cUL listed. Order with a suffix "P" to get iron and stand. Iron cord length is 4 ft. (1.22 m).



Part #	Description	Power	Length (w/o cord or tip)
EC1201A	General purpose soldering tool - Nichrome wound, plug-in	40W	8 inches
EC1302B	Micro soldering tool - Nichrome wound, with quick connects	20W	7.5 inches
EC1503B	High output, small, light weight tool - Nichrome wound, with quick connects	42W	7.75 inches

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.



Part #	Tip Type	Tip Size inch (mm)	Reach inch (mm)
ETAA	Single flat	0.062 (1.60)	0.625 (15.90)
ETA	Screwdriver	0.062 (1.60)	0.625 (15.90)
ETB	Screwdriver	0.093 (2.40)	0.625 (15.90)
ETBB	Single flat	0.093 (2.40)	0.625 (15.90)
ETC	Screwdriver	0.125 (3.20)	0.625 (15.90)
ETCC	Single flat	0.125 (3.20)	0.625 (15.90)
ETD	Screwdriver	0.187 (4.80)	0.625 (15.90)
ETDD	Single flat	0.187 (4.80)	0.625 (15.90)
ETH	Screwdriver	0.031 (0.80)	0.625 (15.90)
ETJ	Long screwdriver	0.031 (0.08)	1.000 (25.40)
ETK	Long screwdriver	0.046 (1.20)	1.000 (25.40)
ETL	Long screwdriver	0.078 (2.00)	1.000 (25.40)
ETM	Long screwdriver	0.125 (3.20)	1.000 (25.40)
ETO	Long conical	0.031 (0.80)	1.000 (25.40)
ETP	Conical	0.031 (0.80)	0.625 (15.90)
ETR	Narrow screwdriver	0.062 (1.60)	0.625 (15.90)
ETS	Long conical	0.015 (0.40)	1.000 (25.40)
ETT	Conical	0.024 (0.60)	0.625 (15.90)
ETU	Single flat	0.015 (0.40)	0.700 (17.80)
ETV	Single flat	0.024 (0.60)	0.700 (17.80)
ETKN	Knife	0.180 (4.57)	0.625 (15.90)



EPH Series Tips for EC1302 and EC1301 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.



Part #	Tip Type	Tip Size inch (mm)	Reach inch (mm)
EPH101	Micropoint	0.015 (0.40)	0.437 (11.10)
EPH102	Bent conical	0.031 (0.80)	0.437 (11.10)
EPH103	Single flat tip	0.031 (0.80)	0.312 (7.90)
EPH104	Bent conical	0.046 (1.20)	0.437 (11.10)
EPH105	Single flat	0.046 (1.20)	0.312 (7.90)
EPH106	Screwdriver	0.062 (1.60)	0.437 (11.10)
EPH107	Chisel	0.078 (2.00)	0.437 (11.10)
EPH108	Chisel	0.125 (2.80)	0.437 (11.10)
EPH109	Conical	0.031 (0.80)	0.437 (11.10)
EPH110	Conical	0.062 (1.60)	0.437 (11.10)
EPH111	Screwdriver	0.625 (16.76)	0.437 (11.10)
EPH112	Long micropoint	0.015 (0.40)	0.625 (15.90)

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).

Part #	Tip Type	Tip Size inch (mm)	Reach inch (mm)
EMA	Chisel	0.062 (1.60)	0.42 (10.66)
EMB	Chisel	0.093 (2.40)	0.42 (10.66)
EMC	Conical	0.015 (0.35)	0.42 (10.66)
EMD	Conical	0.015 (0.35)	0.61 (15.49)
EME	Conical	0.031 (0.81)	0.65 (16.51)
EMF	Chisel	0.046 (1.20)	0.52 (13.20)
EMG	Bent conical	0.015 (0.35)	0.45 (11.43)
EMH	Chisel	0.031 (0.80)	0.42 (10.66)
EMI	Chisel	0.203 (5.23)	0.42 (10.66)
EMM	Chisel, long reach	0.125 (3.30)	0.31 (7.87)
EMY	Blunt chisel	0.125 (3.30)	0.42 (10.66)

1/4" Thread-on Tips for Standard 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.



Part #	Description	Tip Size inch (mm)	Reach inch (mm)
PL113	Precision electronic	0.05 (1.27)	0.45 (11.43)
PL133	Long taper chisel-plated	0.15 (3.81)	-
PL155	Stepped chisel-plated	0.07 (1.77)	0.66 (16.76)

Standard Series Irons & Accessories

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.



Part #	Description
SL325	7400 handle, 537S heater, PL111 tip
SL335	7400 handle, 1237S heater, PL113 tip
SL345	7400 handle, 4037S heater, PL133 tip
SL500	7760 handle, 37UG heater, PL133 tip

Soldering/Desoldering - Stations, Irons & Tips



Standard Series Irons & Accessories (cont.)

Handles



Part #	Description
7400	3-wire, standard cord
7500	3-wire, burn resistant cord
7760	2-wire, standard cord, red
7770	2-wire, standard cord, blue

Modular Heaters for Thread-On Tips

Part #	Description
1237S	33W, 800°F
37UG	50W, 1000°F
4037S	45W, 900°F
537S	23W, 700°F

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



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. Copper, unplated.

Part #	Description	Tip Size inch (mm)	Reach inch (mm)
333	Chisel-plated	0.12 (3.04)	0.85 (21.59)
6961	Screwdriver-plated	0.06 (1.52)	0.49 (12.44)
6963	Precision point-plated	0.01, -	0.42 (10.66)
7062	Precision point-plated	0.01 Cone	0.85 (21.59)
7154	Pencil-plated	-	0.85 (21.59)
7155	Chisel-plated	0.06 (1.52)	0.84 (21.33)
PL331	Pencil-plated	0.01 Cone	0.85 (21.59)
PL332	Offset pencil-plated	0.01 Cone	0.62 (15.74)
PL333	Chisel-plated	0.13 (3.30)	0.85 (21.59)
PL338	Tapered needle-plated	0.05 (1.27)	0.94 (23.87)
PL340	Micro spade-plated	0.06 (1.52)	0.56 (14.22)

Battery Powered Soldering Iron Kit

Powerful 6-watt/4.5 volt iron heats up working temperature in under 15 seconds. 120 solder joints per set of (3) alkaline batteries. Batteries, lead-free solder, and tip removal tool included. Replacement tips available. Seven year warranty.



Part #	Description
BP645MP	Battery powered cordless solder iron
BP1	Conical replacement tip

Portasol® Super-Pro Self-Igniting Kit and Tool

Self-igniting portable butane heat tool - professional quality. Ideal for service technicians for such uses as anti-static soldering, heat shrink and cutting rope. Features "Auto Switch" safety shut-off, iron plated tips, and built-in butane filter. Butane fuel level is visible through a window on the body of the tool. Rugged stainless-steel body provides up to 125 watts of power. Adjustable temperature up to 1076°F. Operates up to two hours per refill. Refills with butane fuel - Weller® cat no. WB1 or WB2. Kit contains PSI100 iron, sponge, stand and extra tips packed in a plastic case.



Part #	Description
PSI100C	Super-Pro self-igniting cordless butane solder iron
PSI100K	Super-Pro self-igniting cordless butane solder iron kit



Self-Igniting Pyropen Junior

Self ignition finger switch - no sparklighter needed. Butane gas refill nozzle - refills in 20 seconds. Temperature control - equivalent adjustment from 15 watts to 60 watts gives you flexibility. Protective cap keeps hot tip from contact with delicate surfaces. Knurl release - allows you to switch from soldering to hot air in seconds. Handle contains approximately 1 hour of butane gas reserve. 30 second heat-up time. Adjustable from 15W to 60W. Overall length is 8.25" (210mm). Weighs 4 oz. (113g).



Part #	Description
WSTA6	Pyropen Jr. Self-igniting butane gas soldering iron and hot air tool
WHC0152	Nozzle hot air 4.7mm
WHC0153	Tip hot knife
WP07U	Part ejector
WPT01	Tip taper needle 1.0mm
WPT02	Tip screwdriver 2.4mm
WPT03	Tip chisel 2.0mm
WPT04	Tip screwdriver 5.0mm
WHC0150	Nozzle hot air 1.5mm

Micro-Sized Soldering Pencil

Extremely short heat-up time. All component parts are designed for optimum heat transfer to ensure absolute efficiency in the utilization of the power provided by the supply unit. Changing soldering tips is quick, easy and requires no tools. 40 Watts. 24 volt. Cord is 4ft. Supplied tip is RT1.



Part #	Description
WMRP	Soldering Pencil
WMRH	Ergonomic Stand

RT Series Tips for WMRP Micro Soldering Pencil



Part #	Description
RT1	Needle tip
RT2	Point tip
RT3	Chisel shape, straight - 1.3mm
RT4	Chisel shape, straight - 1.5mm
RT5	Chisel shape, bent, 30°
RT6	Round shape, beveled, 45°
RT7	Knife tip, 45°

120V Input / 24V Output Power Units

High speed regulation for micro soldering tools. Features a technology that allows the use of the WMRP micro soldering pencil and the WMRT micro desoldering tweezers. The electronics provide high speed regulation.

Part #	Description
WD1M	Single channel power unit, 85W
WD2M	Dual channel power unit, 160W
WD1000M	WD1M Single channel power unit with WMRP micro soldering pencil and WMRH soldering pencil stand, 85W
WD2000M	WD2M Dual channel power unit with WMRP micro soldering pencil and WMRH soldering pencil stand plus WMRT micro thermal tweezer and WMRT stand



Soldering Iron & Stand



Part #	Description
84-101-1	30 watt soldering iron
84-102-0	Replacement tips
84-103-1	Soldering iron stand with tip cleaning sponge

Soldering/Desoldering - Stations, Irons & Tips



Butane Soldering Iron

30 to 70 watt performance equivalent to a corded soldering iron. Soldering temperature 410°F to 750°F (20 sec.). Torch temperature 2500°F (instant). Operating time up to 30 minutes. 1 mm conical tip and torch attachment included.



Part # J-500

Butane Soldering Iron and Torch

Personal Compact Butane Torch

Piezo electronic ignition system and a built-in LED. Ideal for camping, first aid and survival kits, laboratories, hobbies and everyday household repairs. Ready instantly; approx. temperature of +2500°F (+1300°C).



Part # J-310L

Versa-Torch™ Hand-Held Butane Torch

Convenient, light-weight sturdy with removable base. 220 min. refillable butane gas tank. Torch temperature: 1300°C/2500°F. Piezo electric ignition. Adjustable air flow and gas flow control valves. Safety kill/off switch.

Part # J-220

Butane Soldering Iron Kit

25 to 80 watt performance. Operating time up to 120 minutes. Four-in-one uses include - Soldering: 410°F to 850°F (20 seconds); Hot Knife: 410°F to 850°F (20 seconds); Torch: 2500°F (instant); Heat Blower: up to 1300°F (10 seconds). Includes butane soldering iron, protective cap with igniter, 1mm conical tip. Torch-tip, hot blower tip, hot knife tip, solder, wiping sponge, stand and carrying case.



Part #	Description
J-700KT	Kit
JT-001	1mm conical replacement tip for J-500 and J-700KT (iron and chrome plated copper pre-tinned)
JT-002	2mm chisel replacement tip for J-500 and J-700KT (iron and chrome plated copper pre-tinned)
JT-101	Replacement conical for J-025 (nickel plated copper); 2 tips/package
JT-102	Replacement conical tip for J-060 (nickel plated copper); 2 tips/package
JT-003	Heat blower and deflector tip for J-500 and J-700
JT-103	Replacement tip for J-045-DS (nickel plated copper); 2 tips/package
JT-104	Replacement tip for J-100 (nickel plated copper); 2 tips/package
JT-004	Two pack butane replacement cartridge for J-300

Butane Torch

Auto ignition. Child safety lock. Instant 2500°F micro flame. Powered by a refillable butane cartridge.



Part # J-300

Electric Corded Soldering & Desoldering Irons

Long life tip of nickel-iron plated copper. Cool grip rubber handle.



Part #	Iron Type	Watts	Tip Temperature
J-045-DS	Desoldering	45	788°F
J-025	Soldering	25	464°F
J-060	Soldering	60	860°F
J-040	Soldering	40	720°F

Temperature Compensating Soldering Iron

Controls damage to iron when left on for long periods of time. This well made soldering iron is designed for long life on the production line or in the engineering lab. The 40 watt rating guarantees being able to handle most soldering jobs. The iron is lightweight and compact for those delicate soldering applications. Handle has comfort grip for increased ease of use.



Part # S4140

Soldering Iron For Industry Use

Soldering iron for industry, serious experimenters and serviceperson. Designed for safe, fast heating power up to 620°F at 30 watts. Heats up within 95 seconds. Ideal for printed circuit wiring or where only thin tips are workable. Comfortable grip. Well constructed, heavy-duty replaceable tip and element. Weighs only four ounces. 100-120 volts AC/DC. Ten inches long.



Part #	Description
S530UL	Solder iron
S531UL	Replacement tip

Soldering Iron Holder

This heavy duty solder iron stand features a die-cast base, and also a tip cleaning sponge and holder. The iron holder features bakelite iron tip insert.



Part # S100

Temperature Controlled Solder Station Replacement Tips



Part #'s 821, 822, 823, 824, 825, 826, 827, 828

Did you find what you were looking for?

We have more to offer and there are representatives standing by ready to assist you.

Soldering/Desoldering - Soldering Guns

COOPER Tools/Weller®

8200 Soldering Gun

All purpose gun. Fingertip trigger selection of high or low output from instant-heatgun-ready to solder in six seconds. High efficiency tin plated, pure copper tip. Light illuminates work. Compact, balanced pistol-grip design. Available with 2-wire and 3-wire cord. UL listed. 100/140 watts.



Part # 8200

8200PK Soldering Gun Kit - Universal

Seven 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. UL listed. 100/140 watts.



Part # 8200PK

Professional Soldering Gun

All purpose gun. Fingertip trigger selection of high or low output from instant-heatgun-ready to solder in six seconds. High efficiency tin plated, pure copper tip. Light illuminates work. Compact, balanced pistol-grip design. Available with 2-wire and 3-wire cord. UL listed. 200/260 watts. Add "PK" to part number for kit.



Part # D550

COOPER Tools/Weller®

Replacement Tips for Soldering Guns

Complete line of cutting, smoothing, standard and tin plated tips, all made of copper, for Weller soldering guns.



Part #	Description
6110	Cutting tip with hex nut for 8200/9200K
6120	Smoothing tip with hex nut for 8200/9200K
6150	Cutting tip only for 8200/D550
6160	Smoothing tip only for 8200/D550
7135N	Standard tip with hex nut for 8200
7135W	Standard tip only-2 per card for 8200/9200K
8125N	Iron plated tip with hex nut for 8200
8125W	Iron plated tip only-2 per card for 8200
RCT	Rope cutting tip for 8200

NTE/ECG®
ELECTRONICS, INC.

Soldering Gun

100 Watts heats up to 750°F in 25 sec. 140 Watts heats up to 950°F in 40 sec. Large dual heat trigger switch for low/high watt temperature control. Long-reach tip and sturdy heating element connectors. Pre-focused light. 6 foot, 2 wire cord.



Part # J-100

Soldering/Desoldering - Chemicals & Accessories

COOPER Tools/Weller®

Flux Solvent Dispensers

Both static safe and standard hold two 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.



Part #	Description
FD2	Flux dispenser, 0.020" needle
FD21D	Flux dispenser, 0.008" needle, ESD safe
FD22	Flux dispenser, 0.050" needle
FD22D	Flux dispenser, 0.050" needle, ESD safe
FD2D	Flux dispenser, 0.020" needle, ESD safe

Smoke Absorber

Removes flux fumes from the benchtop by drawing the smoke through an activated carbon filter. Power by an exceptionally quiet fan, it can process up to 1.37 cubic meters of air per minute. The collector can be easily adjusted to multiple positions, optimizing its fume-absorbent performance.



Part #	Description
WSA350	Smoke Absorber - includes one WSA350F filter
WSA350F	Activated carbon replacement filter - 3 pack

MG Chemicals

Static Free Super Wick

Any place you can put solder in, you can take it out with SUPER WICK. Just lay the SUPER WICK on the soldered joint, apply tip of soldering iron to top-side for one second, and lift iron and SUPER WICK together to leave a clean connection ready for component removal or replacing. Pure copper, specially woven wound on a pocket size spool with pressurized periphery.



Fine Braid Super Wick

Rma Type Flux - Static Dissipative Spools.

Part #	Size No.	Width	Color	Length Availability
423	1	.025"	White	1.5M
424	2	.05"	Yellow	1.5M
425	3	.075"	Green	1.5M
426	4	.100"	Blue	1.5M
427	5	.125"	Brown	1.5M
442	2	.050"	Yellow	25'
443	3	.075"	Green	25'
444	4	.100"	Blue	25'
451	1	.025"	White	50'
452	2	.060"	Yellow	50'
453	3	.075"	Green	50'
454	4	.100"	Blue	50'
462	2	.060"	Yellow	100'
463	3	.075"	Green	100'
464	4	.100"	Blue	100'
472	2	.060"	Yellow	500'
473	3	.075"	Green	500'
474	4	.100"	Blue	500'

Soldering/Desoldering - Chemicals & Accessories



Static Free Super Wick (cont.)

No Clean Super Wick

Leaves 15 - 25% less residue than regular braid.

Part #	Size No.	Width	Color	Length Availability
424-NS	2	2.060"	Yellow	1.5M
425-NS	3	3.075"	Green	1.5M
426-NS	4	4.100"	Blue	1.5M
453-NS	3	3.075"	Green	1.5M

Liquid Flux for Lead Free Solder

Fully activated. Offers superior fluxing ability. Instant wetting. After soldering, the rosin residue is non-corrosive, non-conductive, moisture and fungus resistant. Also available in micro-tip dispensing pen format (835-P) Mil spec # RA14256, ANSI Spec 004, ROMI Class 1 Standard.



Part #	Availability
835-100ML	4 oz. liquid
835-1L	34 oz. liquid
835-4L	1 gallon liquid

Rosin Flux Pen

For precision application of rosin flux, in a convenient microtip pen format. RA type flux. Superior fluxing ability. Instant wetting. Non conductive and non corrosive residue. Meets Mil. Spec. #RA 14256. ANSI Spec. 004. ROMI class, J Standard.



Part # 835-P

Lead Free Super Wick Desoldering With Static Free Bobbins

Specifically designed for high temperature, lead free solders. Also works great with conventional tin/lead solders. More strands of copper (more surface area) per square inch. Able to transfer heat to solder joints more quickly and efficiently than conventional desoldering braids. No clean. Static free bobbins. RoHS compliant.



Part #	Spool Length	Width	Color Code
424-LF	5 ft.	0.05"	Yellow
425-LF	5 ft.	0.075"	Green
426-LF	5 ft.	0.1"	Blue

HFE Super Flux Remover

A reformulated HFE blends with a newly developed solvent that maintains the cleaning power, non-flammability, non-conductivity, and environmental friendliness while dramatically reducing the cost. Penetrates to quickly remove all non-ionic and ionic soils found in post-solder applications. Non-Flammable, perfect for use when flammability and safety is a concern. Excellent cleaning strength may affect some plastics. Test for plastic compatibility before use. Extra effective with the use of M.G. Cat.#s 852 & 853 Hog Hair cleaning brushes. Available in 12 oz. aerosol.



Part # 4141-340g

Flux Remover - Heavy Duty

Penetrates to quickly remove all non-ionic and ionic soils found in post-solder applications. For use on the non-component side of circuit boards. Evaporates quickly. Extra effective with M.G. Chemical's Cleaning Brushes. Extra strength, may be harmful to some plastics. Variable valve allows user to control rate of flow. Flammable solvent.



Part #	Availability
413B-1L	33 oz. liquid
413B-425G	15 oz. aerosol
413B-4L	1 gallon liquid
413B-20L	5 gallon liquid



Tip Tinner

A mixture of solder powder and thermally stable, oxide-reducing compounds. Used to repair oxidized soldering tips for optimal performance and for extending the working life of new soldering tips. RoHS Compliant. Easy to use. Prolongs the life of new iron tips. 96.5% Tin / 3.5% Silver.



Part# 4910

Peeleable Solder Mask

Excellent for masking contacts, gold fingers, card edges and desired areas during conformal coating applications or to protect components from heat during soldering process. Meets MIL-STD-2000 paragraph 5.3.18 parts a, b, and d.



Part #	Availability
862-150ML	5.3 oz. liquid
862-1G	1 gallon liquid

Flux Remover - Plastic Safe

A special blend of ethyl alcohol, isopropanol and ethyl acetate. Excellent for removing rosin, non-rosin, no clean fluxes, and ionic contamination. Moderate evaporation. Highly flammable. Low odor. Zero residue. Also available in 0.34 oz. pen.



Part #	Availability
4140-1L	33 oz. liquid
4140-20L	5 gallon liquid
4140-400G	14 oz. aerosol
4140-4L	1 gallon liquid
4140-500ML	16 oz. liquid

Flux Remover Pen

A special blend of ethyl alcohol, isopropanol and ethyl acetate. Excellent for removing rosin, non-rosin, no clean fluxes, and ionic contamination. Felt tip pen for precision application.



Part # 4140-P

Lead Free Solder-Sn96

Designed as a lead-free alternative for Sn/Pb alloys for electronics assembly operations. Conform and exceed the impurity requirements of J-Std-006. RoHS compliant. Sn 96.5% / Cu 0.5% / Ag 3%.



Part #	Description
4900-35G	35 gram pocket pack
4900-112G	1/4 lb.
4900-227G	1/2 lb.
4900-454G	1 lb.

Lead Free Solder - Sn99

Designed as a lead-free alternative for Sn/Pb alloys for electronics assembly operations. Conform and exceed the impurity requirements of J-Std-006. RoHS compliant. Sn 99.3% / Cu 0.7%.



Part #	Description
4901-112G	1/4 lb.
4901-227G	1/2 lb.
4901-454G	1 lb.

Soldering/Desoldering - Chemicals & Accessories



Heavy-Duty Flux Remover

Quickly removes stubborn deposits of most rosin, organic fluxes, oil, grease, particulate matter and ionic contaminants. Leaves no white residue. Also an effective metal degreaser on electronics. Improved formulation. 20 oz. aerosol.



Part # RX600-20



1 Gallon

Complete line of fluxes and thinners. Their wide selection includes: no-clean, VOC free, water soluble and water based fluxes. All Kester fluxes possess the highest quality characteristics and are specially blended to facilitate high integrity solder joints.



Part #	Description	Description
63-0000-0104	RA	104 Thinner
63-0000-0110	No-Clean Alcohol Based	110 Flux
63-0000-0120	RMA	120 Thinner
63-0000-0186	RMA	186 Flux
63-0000-0951	No-Clean Alcohol Based	951 Flux
63-0000-0958	No-Clean Alcohol Based	958 Flux
63-0000-0959	No-Clean Alcohol Based	959 Flux
63-0000-0973	No-clean VOC Free	973 Flux
63-0000-0977	No-clean VOC Free	977 Flux
63-0000-1544	RA	1544 Flux
63-0000-2235	Water soluble	2235 Flux
63-0000-4662	Water soluble	4662 Thinner
63-0024-4662	No-Clean Alcohol Based	4662-SM thinner
63-0025-2224	Water soluble	2224-25 Flux
63-0097-2331	Water soluble	2331-ZX Flux

Bar Solder

Used in applications where large volumes of solder are needed for tinned, sheet metal work or plumbing. Kester E-bar is designed for electrical, electronic and mechanical applications requiring bar solder that meet or exceed the requirements of QQ-S-571-F, ASTM B32 and ANSI/J-STD-006. Kester Ultrapure® is made by a special process which controls the inclusion of oxides and metallic and non-metallic impurities. Kester Ultrapure® is the industry standard bar solder for use in high tech electronic applications where lower surface tension and hole filling ability are essential. The purity of Ultrapure® far exceed the requirements of QQ-S-571-F, ASTM B32 and ANSI/J-STD-006. Kester also has available Ultra Low Dross, Ultrapure®HAL. Box net weight is 25 lbs.

Part #	Alloy	Bar Net Wght
04-3070-0000	30Sn/70Pb (E-Bar)	1 lb.
04-4060-0000	40Sn/60Pb (E-Bar)	1 lb.
04-5050-0000	50Sn/50Pb (E-Bar)	1 lb.
04-6040-0000	60Sn/40Pb (E-Bar)	1 lb.
04-6040-0050	60Sn/40Pb (Ultrapure®)	1 2/3 lb.
04-6337-0000	63Sn/37Pb (E-Bar)	1 lb.
04-6337-0050	63Sn/37Pb (Ultrapure®)	1 2/3 lb.
04-7050-0000	96.3Sn/3.7Ag (E-Bar)	1 lb.



Carded Display Products

Kester offers a Bubble Pak product for virtually every soldering application. Displayed on attractively designed four colored cards, these Kester products make it easy for anyone to achieve professional soldering results.

Part #	Description	Pkg Size
82-5000-0003	40/60 All Purpose Elect. Rosin Core .062 dia.	1 oz.
82-5000-0004	60/40 Hi-Tech Elect. Rosin Core .040 dia.	1/2 oz.
82-5000-0017	40/60 All Purpose Elect. Rosin Core .050 dia.	4 oz.
82-5000-0019	60/40 Hi-Tech Elect. Rosin Core .031 dia.	4 oz.
82-6000-6535	95/5 Lead Free Hi-Tech Elect. Solder .040 dia.	.5 oz.
82-6000-6536	Ultrapure® Lead Free Tip Tinner	7 oz. can

Counter Display Products

Kester Tinning Blocks make it easy to take proper care of your soldering irons. Simply rub the HOT soldering iron tip across the surface of the sal ammoniac block and it will be simultaneously cleaned and tinned in one operation. Tips will last longer and perform better. Kester Pocket-Pak™ contains 0.5 oz. of 60 tin/40 lead .031 diameter rosin cored solder. It is ideal for electronic and small volume soldering applications. The clear dispensing tube feeds solder easily and comes with a handy shirt pocket clip. The Kester Kwik-Draw™ features 60 tin/40 lead "44" Rosin flux core solder, with an 0.053" diameter. This package feeds solder freely from one end making it ideal for keeping in a tool box. The Kester Kwik-Draw™ is a bit heftier than the Pocket-Pak™ for the larger job.

Part #	Description	Net Weight Each	Carton Quantity
51-0000-0005	Tinning Block	8 oz.	24
83-0000-0001	SP Acid Paste Flux	2 oz.	12
83-0000-0144	SP-44 Rosin Past Flux	2 oz.	12
83-0000-5055	60/40 Computer/Elec. Solder, 0.040 dia.	0.5 oz.	20
83-0000-6664	98/2Ag Acid Core, Sil-Strong Silver Solder, 0.056 dia.	1 oz.	20
83-3000-0000	60/40 Kwik-Draw, 0.053 dia.	1.3 oz.	50
83-4000-0000	60/40 Pocket Pak, 0.031 dia.	0.5 oz.	50
83-4000-4010	Ultra Pure Tip Tinner	0.7 oz.	10
83-4060-0327	40/60 TV/Radio Solder, 0.062 dia.	1 oz.	20
83-7145-0415	SN62/PB36/AG02 Elec. Silver solder, 0.020 dia.	0.35 oz.	50
84-0000-1429	1429 Formula All Purpose Water Soluble Liquid Flux	4 fl. oz.	12

Spooled Wire Solder

Spools are available in the most commonly used fluxes, alloys and diameters for electrical, industrial, plumbing and electronic applications. Features color coding for easy identification.



5 lb. Spool

Part #	Flux Type	Core Size	Alloy	Dia. inches	Gauge
16-4060-0062	Solid Wire	n/a	40/60	0.062	16
16-6040-0061	Solid Wire	n/a	60/40	0.061	15
16-6040-0062	Solid Wire	n/a	60/40	0.062	16
26-6040-0061	44 Rosin	66	60/40	0.062	16
26-6040-0065	44 Rosin	58	60/40	0.093	13



Soldering/Desoldering - Chemicals & Accessories



Spooled Wire Solder (cont.)

1 lb. Spool

Part #	Flux Type	Core Size	Alloy	Dia. inches	Gauge
24-6337-9711	"285" RMA Core	66	63/37	0.062	16
24-6337-9713	"285" RMA Core	58	63/37	0.031	21
24-6337-9718	"285" RMA Core	66	63/37	0.025	23
24-7031-2437	Acid Core	66	Aquabond ²	0.125	11
24-7150-0027	"44" Resin "RA" Activated Rosin Core	66	62/36/2	0.031	21
24-7150-8800	"245" No-Clean Core	50	62/36/2	0.031	21
14-0000-8053	Solid Wire	n/a	Aquabond ²	0.093	13
14-4060-0125	Solid Wire	n/a	40/60	0.125	11
14-5050-0062	Solid Wire	n/a	50/50	0.062	16
14-5050-0125	Solid Wire	n/a	50/50	0.125	11
14-6040-0125	Sold Wire	n/a	60/40	0.125	11
14-7016-0125	Solid Wire	n/a	98/2 Ag	0.125	11
14-7080-1001	Solid Wire	n/a	95/5 Sb	0.093	13
24-4060-0061	"44" Resin "RA" Activated Rosin Core	66	40/60	0.062	16
24-4060-0066	"44" Resin "RA" Activated Rosin Core	66	40/60	0.093	13
24-4060-2437	Acid Core	66	40/60	0.125	11
24-5050-2437	Acid Core	66	50/50	0.125	11
24-6040-0007	"44" Resin "RA" Activated Rosin Core	66	60/40	0.015	28
24-6040-0010	"44" Resin "RA" Activated Rosin Core	66	60/40	0.020	25
24-6040-0018	"44" Resin "RA" Activated Rosin Core	66	60/40	0.025	23
24-6040-0027	"44" Resin "RA" Activated Rosin Core	66	60/40	0.031	21
24-6040-0039	"44" Resin "RA" Activated Rosin Core	66	60/40	0.040	19
24-6040-0053	"44" Resin "RA" Activated Rosin Core	66	60/40	0.050	18
24-6040-0061	"44" Resin "RA" Activated Rosin Core	66	60/40	0.062	16
24-6040-0066	"44" Resin "RA" Activated Rosin Core	66	60/40	0.093	13
24-6040-6401	"331" Water Soluble Core	66	60/40	0.020	25
24-6040-6403	"331" Water Soluble Core	66	60/40	0.031	21
24-6040-6417	"331" Water Soluble Core	66	60/40	0.025	33
24-6040-6422	"331" Water Soluble Core	66	60/40	0.015	28

Spooled Wire Solder (cont.)

1 lb. Spool

Part #	Flux Type	Core Size	Alloy	Dia. inches	Gauge
24-6040-7400	282 Flux	66	60/40	0.020	25
24-6040-8800	"245" No-Clean Core	50	60/40	0.031	21
24-6040-9702	"285" RMA Core	66	60/40	0.020	25
24-6040-9703	"285" RMA Core	66	60/40	0.015	28
24-6040-9710	"285" RMA Core	66	60/40	0.031	21
24-6040-9711	"285" RMA Core	66	60/40	0.062	16
24-6337-0007	"44" Resin "RA" Activated Rosin Core	66	63/37	0.015	28
24-6337-0010	"44" Resin "RA" Activated Rosin Core	66	63/37	0.020	25
24-6337-0018	"44" Resin "RA" Activated Rosin Core	66	63/37	0.025	23
24-6337-0027	"44" Resin "RA" Activated Rosin Core	66	63/37	0.031	21
24-6337-0039	"44" Resin "RA" Activated Rosin Core	66	63/37	0.040	19
24-6337-0053	"44" Resin "RA" Activated Rosin Core	66	63/37	0.050	18
24-6337-0061	"44" Resin "RA" Activated Rosin Core	66	63/37	0.062	16
24-6337-6401	"331" Water Soluble Core	66	63/37	0.020	25
24-6337-6403	"331" Water Soluble Core	66	63/37	0.031	21
24-6337-6411	"331" Water Soluble Core	66	63/37	0.062	16
24-6337-6422	"331" Water Soluble Core	66	63/37	0.015	28
24-6337-8213	88	66	63/37	0.031	21
24-6337-8219	88	66	63/37	0.040	19
24-6337-8800	"245" No-Clean Core	50	63/37	0.031	21
24-6337-8806	"245" No-Clean Core	50	63/37	0.015	28
24-6337-8807	"245" No-Clean Core	50	63/37	0.020	25
24-6337-8809	"245" No-Clean Core	50	63/37	0.025	23
24-6337-8814	"245" No-Clean Core	50	63/37	0.050	18
24-6337-8817	"245" No-Clean Core	50	63/37	0.062	16
24-6337-8827	88	66	63/37	0.062	16
24-6337-9700	"285" RMA Core	58	63/37	0.020	25
24-6337-9703	"285" RMA Core	66	63/37	0.015	28

Soldering/Desoldering - Chemicals & Accessories



No-Clean Wire Solder

A single core NC600 flux-filled lead free wire solder. Use in high reliability assembly but with rapid wetting and spreading. Ideal for most consumer electronics and electrical soldering. Residue removal not required. Alloy tin/silver/copper: 96.5 / 3.0 / 0.5. 2.2% of flux.



Part #	Size Gauge	Dia. inches	Roll Size
50-95021	21	.032	1 lb.
50-95521	21	.032	1/2 lb.
50-95018	18	.050	1 lb.
50-95518	18	.050	1/2 lb.
50-95500	16	.062	8 oz. dispenser pack

Water-Soluble Wire Solder

Formulated for electronic applications where rapid wetting action and ease of cleaning flux residue with water. This organic flux generally provides greater fluxing ability than rosin. Will not easily decompose and carbonize. Minimal spattering. Alloy tin/silver/copper: 96.5 / 3.0 / 0.5. 2.2% of flux.



Part #	Size Gauge	Dia. inches	Roll Size
50-96023	23	.025	1 lb.
50-96523	23	.025	1/2 lb.



Water-Soluble Wire Solder (cont.)

Part #	Size Gauge	Dia. inches	Roll Size
50-96021	21	.032	1 lb.
50-96521	21	.032	1/2 lb.
50-96018	18	.050	1 lb.
50-96518	18	.050	1/2 lb.



Liquid Solder Flux

Completely non-corrosive liquid solder flux consisting of a solution of special rosin in alcohol. Contains no traces of acids or chlorides and is completely safe to use on even the most delicate electronic equipment.



Part #	Availability
10-4202	2 fl. oz. bottle
10-4216	16 fl. oz. bottle

Soldering/Desoldering - Soldering Tools



WTA50 Thermal Tweezer

This thermal tweezer is 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).



Part # WTA50

Cold Heat Soldering Tool

Heats instantly. Cools quickly. Portable - cordless - powered by 5 AA alkaline batteries. High-low power switch makes it perfect for small or large jobs. Comes standard with the CHT3 chisel tip. Long life - 700+ joints per set of batteries.



Part # CTH100

Paladin Tools®

Desoldering Tool Accessories

Replacement desoldering tool tips, and spring and rod repair kits. Standard (regular and antistatic) and miniature (regular and anti-static) replacement tips available. Repair kits come complete with replacement spring and suction rods.



Part #	Description
2704	Standard repair kit
2712	Standard replacement tip
2716	Standard anti-static replacement tip

Paladin Tools®

DTST, DTAST DTAMT Desoldering Tools

Desoldering pumps for reworking printed circuit boards. Removes solder with simple push-button operation. Standard (regular and anti-static) replacement tips available. Durable metal frame. Weight is 2 oz (57g) and length is 7.7 in.



Part #	Tip Type
1700	DTST - Standard Desoldering Tool
1704	DTAST - Anti-Static Desoldering Tool



Vacuum Solder Removal Tool

Makes removal of molten solder from PC board easy. One hand operation. Nose is removal for easy clean-out. All-metal construction provides long, trouble-free service.



Part #	Description
10320	Tool
10325	Replacement anti-static tip and "O" ring

EDSYN® SOLDAPULLT Products

Deluxe 13" SOLDAPULLT

This is the original design solder removal tool. For use in heavy-duty, high-volume applications and specifically professional and production usage. Tip and O-ring are replaceable. Display packaged.



Part # ED-DS017

Low-Static Deluxe 13" SOLDAPULLT

The original design but molded of conductive, static-dissipative materials. For professional and production usage. Tip and O-ring are replaceable. Display packaged.



Part # ED-DS017LS

Soldering/Desoldering - Soldering Tools



EDSYN® SOLDAPULLT Products (cont.)

Replacement Parts

Replacement tip for the DS017, PT109 and the US140.



Part # ED-SRT12

12" SOLDAPULLT III

A smaller "petite" barrel and lighter weight for smaller hands. Weighs 1/3 less than standard models.



Part # ED-PT109

The Challenger Standard Metric Low-Static 8" SOLDAPULLT

A high-quality, low cost solder remover molded of static dissipative materials. Features an aluminum barrel for easy cleaning.



Part # ED-SS350

The Universal 8" SOLDAPULLT

Delivers a powerful vacuum pulse, cocks (or loads) one handed. The loading stroke is adjustable to reduce hand strain. Display packaged.



Part # ED-US140

Anti-Static Solder Removal Tool

A standard size (7 3/4" overall length) solder removal tool with a relatively large vacuum chamber that provides a greater solder pulling action than most designs. Dual "O" rings enhance their greater pulling power. Conductive tip ensures ESD free operation when used by a ground operator.



Part # 12-2105

Reamer and Scraper Tip

Reamer and scraper tips for scraping joints or reaming out lug holes. 6 1/2" long, plastic handle.



Part # 9069

Steel Brush and Scraper Kit

Fine stainless steel brush and hardened steel scraper. 8" long, plastic handle.



Part # 9094

Heat Sink

Protect heat-sensitive components, such as semi-conductors, from heat damage while soldering or desoldering. Will fit short leads such as transistors mounted close to PC board.



Part # 9077-1

Heavy-Duty Brush and Forked Tip

One end stiff wire brush for cleaning off solder terminals. Other end is machined to help in unsoldering wires which are wrapped around terminals and lug, and for holding wires. 8" long, plastic handle.



Part # 9088



Remember:

Always wear approved safety goggles when using any chemicals.

NOTES
