

Solder Equipment

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TENMA Vacuum Desoldering Station

Low cost temperature controlled station is ideal for all levels of board level rework and repair. Closed loop control and digital display provide accurate nozzle temperature setting, while the efficient internal pump provides vacuum action. Lightweight ergonomic gun type handle features trigger pump activator, and stays cool during prolonged use. Detachable cord and vacuum tube are heat resistant and measure 45" in length. Rugged metal enclosure has convenient carry handle and iron holder may be attached to either side for left or right hand operation. Unit comes complete with replacement nozzle, cleaning pins, replacement filters and filter tubes. Additional replacement components and a variety of nozzles are available separately. **Specifications:** •Temperature range: 410°F~900°F •Heating element: 24VAC, 48W •Dimensions: 6" (H) x 8 1/2" (W) x 6" (D) •Weight: 4.5 lbs. •Power requirements: 120VAC, 60Hz 50W

Order #	MSRP	ONLY
72-6340	\$399.00	\$303.00

Desoldering Station Replacement Parts

Order #	Description	(ea.)	(2-up)
72-6406	Replacement desoldering gun	\$43.99	\$42.95
72-6407	Replacement heating element	16.99	16.95
72-6408	Replacement glass tube	2.19	2.09
72-6409	Filter set	0.80	-
72-6411	"O" ring set	0.54	0.51
72-6864	1.0mm nozzle	3.99	3.79
72-6865	1.2mm nozzle	3.99	3.79
72-6863	0.8mm nozzle	3.99	3.79
72-6866	1.5mm nozzle	3.99	3.79
72-6867	2.0mm nozzle	3.99	3.79



TENMA Replacement Desoldering Gun

Replacement for Tenma #72-6340 and #72-6345 rework stations. 45" heat resistant cord is terminated with compatible five-pin connector. Includes 24V, 48W heating element, filters, 45" vacuum tube and 2.0mm nozzle.

Order #	(ea.)	(2-up)
72-6406	\$43.99	\$42.95



TENMA Hot Air SMD Rework Station

1 YEAR LIMITED WARRANTY



Features: •Wide range adjustment of hot air temperature and air volume provides soldering and desoldering of most surface mount devices •ESD safe grounded design •Auto cooling system after power off •Wide variety of nozzles available for soldering and desoldering of most surface mount devices including QFP, SOP and PLCC packages •Hot air temperature adjustable from 212°F~754°F •Includes QFP 17.5 x 17.5 nozzle (#72-6713) and owners manual •Dimensions: 7 1/2" (W) x 5 3/4" (H) x 9 3/4" (D) •Weight: 9.9 lbs. •Power requirements: 110/120VAC

Order #	Description	ONLY
72-6710	Hot Air SMD Rework Station	\$462.00
72-6711	Nozzle QFP 10 x 10	34.99
72-6712	Nozzle QFP 11 x 11	34.99
72-6713	Nozzle QFP 17.5 x 17.5	41.99
72-6714	Nozzle QFP 14 x 20	41.99
72-6715	Nozzle QFP 28 x 28	48.99
72-6716	Nozzle SOP 4.4 x 10	29.99
72-6717	Nozzle SOP 5.6 x 13	30.99
72-6718	Nozzle SOP 7.5 x 15	30.99
72-6720	Nozzle PLCC 17.5 x 17.5	41.99
72-6723	Nozzle PLCC 30 x 30	52.99
72-6724	Nozzle Single 2.5mm	26.99
72-6725	Nozzle Single 4.4mm	26.99
72-6726	Replacement heater	26.99



TENMA Replacement Heating Element

Replacement desoldering element for Tenma #72-6340 and #72-6345

rework stations. Four-wire design includes connections for 24V, 48W element and integral temperature sensor. Ideal for replacing damaged elements, or upgrading older to accept the new, shorter length nozzles. Includes 2.0mm nozzle.

Order #	(ea.)	(2-up)
72-6407	\$16.99	\$16.95

TENMA Solder Station Accessories

Replacement accessories are compatible with the soldering iron on the Tenma #72-6345 Rework Station, as well as older Model #21-147 and #21-1590 soldering stations. #21-151 Grounded Replacement Iron utilizes a five-pin DIN plug and is compatible with Tenma #21-147 and #21-1590 stations. The #72-6345 Replacement Iron utilizes a 4 pin screw-on connector and is compatible with the #72-6345 rework station. All other accessories are interchangeable.



TENMA Rework Station

Complete single-piece unit combines the benefits of a temperature controlled vacuum desoldering station, with a high quality temperature controlled soldering iron. **Features:** •Closed loop temperature control •Digital display •Handles stay cool during prolonged use •Rugged metal enclosure •A variety of replacement tips available **Vacuum desoldering iron:** •Efficient internal pump provides vacuum action •Lightweight ergonomic gun handle •Trigger pump activator •Heat resistant detachable cord and vacuum tube •Includes 1.0mm nozzle plus one spare •Includes cleaning pins, replacement filters and filter tubes •Temperature range: 410°F~900°F •Heating element: 24VAC, 48W **Temperature controlled soldering iron:** •24VAC, 48W heating element •Temperature range: 320°F~900°F •Heat resistant detachable cord •Includes iron clad 3/4" conical tip, a variety of replacement tips are available •Overall dimensions: 5 1/2" (H) x 8 1/2" (W) x 7 1/2" (D) •Power requirements: 120VAC, 60Hz, 100W

Order #	MSRP	(ea.)	(2-up)
72-6345	\$549.00	\$462.00	\$451.00
72-6406	-	43.99	42.95
72-6407	-	16.99	16.95

TENMA Replacement Tips

Replacement tips for #72-6340 Desoldering Stations purchased after 03/01/00 or when replacing heater element or desoldering gun listed above. These tips are 23mm in length.

Order #	Description	ONLY
72-6863	0.8mm tip	\$3.99
72-6864	1.0mm tip	3.99
72-6865	1.2mm tip	3.99
72-6866	1.5mm tip	3.99
72-6867	2.0mm tip	3.99

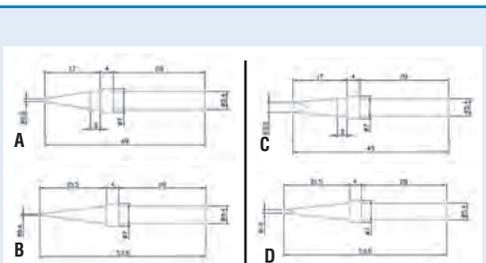


Fig.	Order #	Description	(1-9)	(10-24)	(25-49)
A	21-148	Conical tip	\$3.59	\$3.19	\$2.89
B	21-925	Long conical tip	3.59	3.19	2.89
C	21-926	Screwdriver tip	3.59	3.19	2.89
D	21-927	Long screwdriver tip	2.89	2.69	2.39
E	21-151	Replacement iron (5-pin DIN connector)	13.49	12.99	11.49
E	72-6346	Replacement iron (4-pin connector)	15.99	14.69	13.09
-	21-585	Solder sponge (#21-147, #21-1590 only)	1.69	1.39	1.29



Adjustable Solder Station with Digital Display

Rugged soldering station is perfect for general purpose use, board level assembly and repair. Digital display will toggle between operating temperature and setpoint, in either Celsius or Fahrenheit. The low cost places it in reach of the occasional hobbyist, with high reliability that is suitable for the professional. **Features:** •Closed loop control for improved accuracy and consistent temperature •Temperature sensor incorporated into the heating element •Rotary temperature setting •Bright numeric LED temperature display •Detachable/replaceable soldering iron •Heat resistant silicon jacketed iron and line cord •Separate ground lug •Integral iron tip cleaner, with included cleaning sponge •Variety of replacement tips available, conical tip supplied (#21-7980) **Specifications:** •Temperature range: 302~896°F •Heating element: 24VAC, 48W •Iron length 7 7/8" •Overall dimensions 3 3/4" (H) x 4 1/2" (W) x 6 1/2" (D)



Order #	Description	MSRP	(1-9)	(10-up)
21-7935	Solder station	\$139.00	\$89.99	\$80.96
21-7936	Replacement iron	-	7.99	7.19



Temperature Controlled Solder Station

Tenma #21-7958 is the perfect station in assembly, prototype and service environments where close temperature control is important. Tip-mounted thermocouple and electronic closed loop control keeps tip temperature within 2% of the setpoint. Two-line LCD readout simultaneously displays tip temperature and setpoint in degrees Celsius or Fahrenheit. LCD icons illustrate "Heat On" when iron is active, and "Wait" status when temperature deviates ±10°C from the setpoint.

Features: •Pushbutton up/down temperature setting •Quick jump buttons for instant setpoint of 200°C, 300°C and 400°C •Large LCD display •Detachable/replaceable soldering iron •Heat resistant silicon jacketed iron and line cord •Integral iron tip cleaner, with included cleaning sponge •Variety of replacement tips available, conical tip supplied (#21-7980) **Specifications:** •Temperature range: 150~450°C (302~842°F) •Heating element: 24VAC, 48W •Iron length 7 7/8" •Overall dimensions 5 1/2" (H) x 8 1/8" (W) x 4 1/2" (D)



Order #	Description	MSRP	(1-9)	(10-up)
21-7958	Solder station	\$179.00	\$109.00	\$98.50
21-7956	Replacement iron	-	7.99	7.19



TENMA Adjustable Solder Station

Rugged, low cost station is the ideal blend of durability and price. Adjustable metal iron holder may be attached to the left or right side of station, and integral tip cleaner includes a replaceable sponge.

Features: •Rotary temperature setting •LED heating element status indication •Variety of replacement tips available, conical tip supplied (#21-7980) **Specifications:** •Temperature range: 320~896°F •Heating element: 110VAC, 50W •Iron length 7 7/8" •Overall dimensions 3 3/4" (H) x 4 1/2" (W) x 6 1/2" (D)

Order #	MSRP	(1-9)	(10-up)
21-7950	\$69.95	\$37.99	\$34.50



TENMA Adjustable Solder Station

No-nonsense, low cost station is specifically intended for the classroom, where durability, physical size, and budget are a concern. It is also perfect for occasional use in the home workshop or tech bench.

Features: •Rotary temperature setting •Integral tip cleaner, with included cleaning sponge •Variety of replacement tips available, conical tip supplied (#21-7970) **Specifications:** •Temperature range: 100~800°F •Heating element: 110VAC, 50W •Iron length 7 7/8" •Overall dimensions 3 3/4" (H) x 4 1/2" (W) x 5 1/2" (D)

Order #	MSRP	(1-9)	(10-up)
21-7945	\$59.95	\$13.99	\$0.00



Adjustable Solder Station

Rugged soldering station is perfect for general purpose use, board level assembly and repair. Its low cost places it in reach of the occasional hobbyist, with high reliability that is suitable for the professional. **Features:**

•Closed loop control for improved accuracy and consistent temperature •Temperature sensor incorporated into the heating element •Rotary temperature setting •12 LED bargraph temperature display •Detachable/replaceable soldering iron •Heat resistant silicon jacketed iron and line cord •Separate ground lug •Integral iron tip cleaner, with included cleaning sponge •Variety of replacement tips available, conical tip supplied (#21-7980) **Specifications:** •Temperature range: 302~788°F •Heating element: 24VAC, 48W •Iron length 7 7/8" •Overall dimensions 3 3/4" (H) x 4 1/2" (W) x 6 1/2" (D)

Order #	Description	MSRP	(1-9)	(10-up)
21-7930	Solder station	\$99.95	\$69.99	\$62.95
21-7936	Replacement iron	-	7.99	7.19

Don't See The Part You Need?
Call our Quotes Team
1-800-543-4330
email quotes@mcmelectronics.com

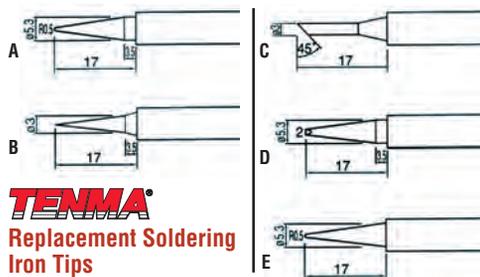


TENMA Adjustable Solder Station

Rugged soldering station is perfect for board level assembly and repair and is rugged enough for continuous duty and production use. **Features:** •Rotary temperature setting •Slim, high precision iron handle •Detachable/replaceable soldering iron •Heat resistant silicon jacketed iron and line cord •Detachable iron stand with integral tip cleaner, with included cleaning sponge

•Variety of replacement tips available, conical tip supplied (#21-7975) **Specifications:** •Temperature range: 308~840°F •Heating element: 24VAC, 48W •Iron length 7 7/8" •Overall dimensions 3 3/4" (H) x 4 1/2" (W) x 6" (D)

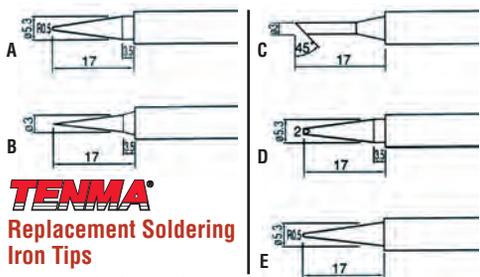
Order #	Description	MSRP	(1-9)	(10-up)
21-7940	Solder station	\$89.95	\$69.99	\$62.95
21-7941	Replacement iron	-	7.99	7.19



TENMA
Replacement Soldering Iron Tips

•Specifically designed for use with Tenma Soldering Station #21-7940 •Five styles to suit a variety of soldering needs •All dimensions in millimeters •Sold individually

Fig. Order #	Type	(1-9)	(10-24)	(25-49)
A 21-7975	Conical	\$2.29	\$2.08	\$1.86
B 21-7976	Micro point	2.19	2.03	1.82
C 21-7977	Chisel point	2.19	1.99	1.77
D 21-7978	Micro chisel point	2.29	1.99	1.77
E 21-7979	Long conical	2.49	2.22	1.97



TENMA
Replacement Soldering Iron Tips

•Specifically designed for use with Tenma ceramic heating element soldering irons and stations •Five styles to suit a variety of soldering needs •Sold individually •Compatible stations: #21-7930, 21-7935, 21-7950 and 21-7958 •Compatible pencil irons: #21-8125, 21-8145 and 21-8150

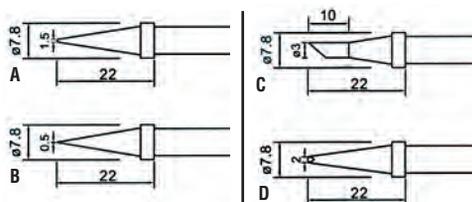
Fig. Order #	Type	(1-9)	(10-24)	(25-49)
A 21-7980	Conical	\$2.79	\$2.59	\$2.29
B 21-7981	Micro point	2.99	2.79	2.49
C 21-7982	Chisel point	2.89	2.59	2.29
D 21-7983	Micro chisel point	2.79	2.59	2.39
E 21-7984	Long conical	2.89	2.59	2.29



Replacement Tip Cleaning Sponges

•Specific sizes designed for Tenma Stations, ideal for use with any soldering equipment •Heat resistant material is unaffected by soldering iron temperature •Clean soldering iron tips are essential for maximum life span and effective soldering •Sold individually

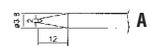
Order #	Tenma Station	Dimensions	(1-9)	(10-24)	(25-49)
21-7985	21-7930, 21-7935, 21-7950	75mm x 45mm	\$0.99	\$0.96	\$0.85
21-7986	21-7940	68mm x 65mm	1.29	1.21	1.05
21-7987	21-7945	98mm x 55mm	1.89	1.73	1.54
21-7988	21-7955	58mm x 37mm	1.09	0.98	0.87
21-8161	21-8160	56mm x 38mm	1.39	1.30	1.14



TENMA
Replacement Soldering Iron Tips

•Specifically designed for use with Tenma Soldering Stations #21-7945 •Four styles to suit a variety of soldering needs •All dimensions in millimeters •Sold individually

Fig. Order #	Type	(1-9)	(10-24)	(25-49)
A 21-7970	Conical	\$2.99	\$2.74	\$2.45
B 21-7971	Micro point	2.29	2.07	1.85
C 21-7972	Chisel point	2.39	2.16	1.93
D 21-7973	Micro chisel point	2.52	2.33	2.07



TENMA
Replacement Soldering Iron Tips

•Specifically designed for use with Tenma pencil soldering irons as listed •Sold individually

Fig. Order #	Type	(1-9)	(10-24)	(25-49)
Use with Model #21-8120, 21-8130				
A 21-8171	Small chisel point	\$1.69	\$1.54	\$1.36
B 21-8172	Chisel point	1.09	1.00	0.88
Use with Model #21-8140				
C 21-8182	Chisel point	1.49	1.36	1.20



TENMA
Soldering Stand

•Heavy-duty metal base •Sponge receptacle •Holds up to 1 1/8" diameter iron

Order #	(1-9)	(10-24)	(25-49)
21-180	\$4.99	\$4.79	\$4.60



TENMA
Soldering Iron Holder

•Metal base measures 3 1/2" (W) x 5 1/4" (D) •Includes tip cleaning sponge •Metal sleeve holder and spring support hold irons up to 3/8" diameter •Compatible with Tenma #21-8120, 21-8130, 21-8135 and 21-8140

Order #	Description	(1-9)	(10-up)
21-8160	Holder	\$3.29	\$2.89
21-8161	Replacement sponge 38mm x 56mm	1.39	1.30



TENMA
Desoldering Station Replacement Parts

•Replacement parts for the Tenma #72-6340 and 72-6345 rework stations •Glass tube measures 1 1/8" (L) x 1/8" (O.D.) •Filter set consists of one steel wool filter and one cotton disk filter •"O" ring kit contains two rubber "O" rings, each 1/8" (O.D.)

Fig. Order #	Description	(ea.)	(2-up)
A 72-6408	Replacement glass tube	\$2.19	\$2.09
B 72-6409	Filter set	0.80	-
C 72-6411	"O" ring set	0.54	0.51

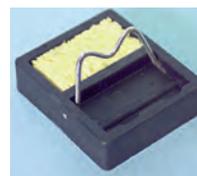


TENMA
Soldering Iron Holder

•ABS base, with metal insert measures 3" (W) x 6" (D) •Includes tip cleaning sponge •Rubber non-skid feet hold unit firmly in place •Metal spring holder includes

ceramic insert to keep holder cool •Holds irons with up to 1/2" diameter heating element •Compatible with Tenma ceramic heating element models including #21-8125, 21-8145 and 21-8150

Order #	Description	(1-9)	(10-up)
21-8165	Holder	\$4.99	\$4.25
21-7986	Replacement sponge 68mm x 65mm	1.29	1.21



TENMA
Soldering Iron Stand with Sponge

•Great for independent soldering irons •Two position soldering iron stand •Built-in sponge tray •Heavy-duty square base •90 day warranty

Order #	(1-9)	(10-up)
21-3525	\$2.19	\$1.99



Look for this Symbol for Products Recommended for Static Sensitive Projects.

Products marked with the ESD symbol may not be ESD safe if used improperly. Other products and their uses may also be ESD safe. Check with your account representative for more information.

TENMA

Soldering Pots

Compact soldering pots are ideal for small scale production, prototyping and chassis wiring. They are especially useful when tinning large quantities of stranded wire. Recommended for use with the Tenma #72-6309 bar solder. Available in 150W and 400W sizes, both models require 110VAC, 50~60Hz.



Order #	Inside Dimensions	Wattage	MSRP	(1-9)	(10-up)
21-3511	1.5" (dia.) x 1.5"(D)	150W	\$39.95	\$29.99	\$28.95
21-3515	3.1" (dia.) x 1.5"(D)	400W	99.95	77.99	74.95

TENMA

**Handi-Vac®
Surface Mount Kit**

The vacuum bulb is treated with Staticide. The probes are metal and the vacuum cups are electrically conductive to prevent charge generation. The Tenma Handi-Vac® kit is delivered to you with four vacuum cups and probes and a moistening sponge all packaged in a small plastic box.



Order #	(1-9 kits)	(10 kits-up)
72-6183	\$11.49	\$10.29

TENMA

**Solder Fume
Extractor**

Electronic solders typically contain rosin-resin compounds and lead, which when heated may create noxious fumes. Prolonged exposure to these fumes is considered potentially harmful and may create health problems including headaches, nausea and eye irritation. The Tenma Solder Fume Extractor greatly reduces this hazard by utilizing a highly efficient fan, and an activated carbon filter. Unit includes one filter, replacement filters available. **Specifications:**
 •Absorption capacity: 1m³/minute •Power requirements: •110VAC 60Hz, 23W •Filter dimensions: 5.1" (H) x 5.1" (W) x 0.4" (D) •Overall dimensions: 10.6" (H) x 8.7" (W) x 6.6" (D)



Order #	Description	MSRP	(1-9)	(10-up)
21-7960	Smoke absorber	\$59.95	\$34.99	\$31.50
21-7961	Replacement filter (two-pack)	-	5.29	4.99

TENMA

**SMD Soldering/
Desoldering Tweezers**

•Provides a fast, efficient method to solder and desolder surface mount devices such as chip resistors, chip capacitors, SOTs, flat pack and DIP ICs
 •Dual highly insulated 40W ceramic heating elements insure rapid heat up and recovery
 •Wide variety of interchangeable tips available in 2mm to 30mm widths
 •Heat resistant silicon cord is terminated with three pin grounded AC plug



Order #	Size	MSRP	(1-9)	(10-up)
SMD Tweezers				
21-8230	-	\$49.95	\$31.99	\$28.95
Replacement Tip Sets				
21-8190	2mm		0.99	0.89
21-8191	3mm		1.15	1.04
21-8192	5mm		0.99	0.92
21-8195	10mm		1.49	1.39
21-8196	15mm		1.49	1.39
21-8197	20mm		1.49	1.39
21-8198	30mm		1.49	1.35



TENMA 25 Watt Precision Soldering Iron

•Ideal for small connections and general purpose PC board soldering •Smooth tapered handle includes rubber grip for easy holding and less fatigue •Ceramic heating element ensures consistent, reliable heating •Silicon insulated power cord is heat and solvent resistant •Overall length approximately 8" •Variety of replacement tips available, conical tip supplied (#21-7980)

Order #	MSRP	(1-9)	(10-up)
21-8125	\$7.95	\$5.99	\$5.49



TENMA 12VDC Soldering Iron with Cover

•12VDC iron includes an attached cigarette lighter plug •Perfect for automotive installation and field use •30W element is perfect for general purpose wiring and PC board use •Ceramic element ensures consistent, reliable heating •Red LED in the handle indicates power •Included screw on tip cover protects iron and tools, eliminates need to allow iron to cool prior to storage •Silicon insulated power cord is heat and solvent resistant •Tapered handle stays cool and is easy to grip •Overall length approximately 9" •Variety of replacement tips available, conical tip supplied (#21-7980)

Order #	MSRP	(1-9)	(10-up)
21-8150	\$9.95	\$8.99	\$7.99



TENMA Fast Heat/Recovery Soldering Iron

•20W iron features 130W "boost" for fast warm up and recovery when required •Perfect when general purpose wiring and PC board soldering includes the occasional larger connection •Momentary push-button on the handle provides added power •Ceramic heating element ensures consistent, reliable heating •Silicon insulated power cord is heat and solvent resistant •Tapered handle stays cool and is easy to grip •Overall length approximately 9" •Variety of replacement tips available, conical tip supplied (#21-7980)

Order #	MSRP	(1-9)	(10-up)
21-8145	\$15.95	\$7.99	\$6.99



TENMA Soldering Iron with Cover

•30W iron is perfect for general purpose wiring and PC board use •Included screw on tip cover protects iron and tools, eliminates need to allow iron to cool prior to storage •Silicon insulated power cord is heat and solvent resistant •Tapered handle stays cool and is easy to grip •Overall length approximately 9" •Variety of replacement tips available, conical tip supplied (#21-8170)

Order #	MSRP	(1-9)	(10-up)
21-8120	\$9.95	\$4.99	\$3.99



TENMA Soldering Irons

Order #	Type	(1-9)	(10-24)	(25-49)
21-980	16-30W adjustable iron	\$22.49	\$21.95	\$20.82
21-940	25W 3 wire iron	4.99	4.74	4.50
21-160	25W high performance iron	9.57	8.55	7.76
21-170	30W pencil type iron	6.99	6.14	5.45

TENMA

Replacement Tips for Tenma Irons

Order #	(Tenma iron #)	Type	(1-9)	(10-24)
21-1025	(21-980)	Conical	\$4.48	\$4.06
21-1030	(21-980)	Screwdriver	4.48	4.06
21-1035	(21-980)	Long screwdriver	3.99	3.67
21-435	(21-940, 21-160)	Conical	3.89	3.69
21-595	(21-590)	Replacement tip	2.89	2.29
21-4341	(21-170)	Replacement tip	2.14	1.76

For Customer Service Call
1-877-626-3532



HAKKO 936 ESD Safe Soldering Station

•Adjustable temperature control 392°F~896°F (200°~480°C) with lock/set screw •Maintains idle temperature within 1.8°F (2°C) •Ceramic heating element and sensor ensures rapid heat-up temperature (30 seconds) and lightning fast thermal recovery •Temperature adjusted by simply turning dial •Iron handles are insulated and ergonomically designed for ease and comfort •A wide selection of tips available, see below •ESD safe by design •Solder station includes 50W iron

Order #	Mfr. #	Description	ONLY
94-575	936-12	Soldering station	\$94.99
94-580	C1148	Iron (medium)	92.49
Replacement tips			
Order #	Mfr. #	Description	ONLY
94-235	900M-T-B		\$5.49
94-300	900M-T-8D		6.99
94-175	900M-T-1.2D		5.49
94-180	900M-T-1.6D		5.49
94-185	900M-T-2.4D		5.49
94-335	900M-T-S4		6.99
94-240	900M-T-I		6.99
94-245	900M-T-LB		6.99

HAKKO

808 Desoldering Tool

•Thin, easy-to-hold grip
•Low vibration •Adjustable temperature control (380°~480°C/715°~895°F)
•Nozzle-ground potential difference of 2mV or less
•Nozzle-ground resistance

of 20hm or less •Single pump maintenance
Kit includes: •808 desoldering tool and carry case

Order #	Mfr. #	Description	ONLY
94-410	808KIT	Desoldering tool kit	\$199.00
94-870	633-02	Iron holder	24.99
94-470	A1234	Heating element	54.99
94-746	A1267	Pre-filter (aluminum) set of 5 pcs.	6.39
94-460	A1033	Ceramic paper filter (large) (10/pk)	8.99
94-748	B1725	Filter pipe	7.19
94-556	A1217	Front holder	3.29
94-750	B1747	Filter holder	3.89
94-555	A1042	Cleaning sponge	3.99
94-215	B1087	Cleaning pin for nozzle Ø1.0mm (0.04")	4.19
94-724	B1215	Cleaning pin for heating element	6.49
94-730	B2100	Wrench	9.09



HAKKO FX-901 Cordless Soldering Iron

•Powers above 600°F for about 60 minutes using alkaline batteries, and about 120 minutes with Ni-MH batteries
•Quick and simple tip and battery replacement •Suitable for field services •Requires four "AA" batteries (not included)

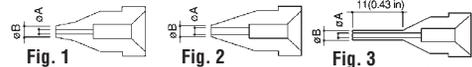
Order #	Description	ONLY
21-8584	Cordless soldering iron	\$34.99
21-8587	Conical replacement tip	20.99
21-8588	Screwdriver replacement tip	20.99

HAKKO

472D-1 Desoldering Tool

Desoldering process control is made easy with the Hakko control card. Use the card to enter temperature settings into the system memory. When the card is removed, all parameter settings and the temperature setting are "locked" in the system memory. This not only provides strict process control but also guards against operators making inadvertent changes. The Hakko 472D-1 provides a pencil-type desoldering tool with powerful suction power. **Features:** •The output circuit is isolated from the power input and insulated transformer •ESD safe by design •Zero crossover switching on motor •Adjustable temperature: 662°F~842°F •110W Desoldering tool includes station, 807 desoldering iron and A1003 nozzle

Order #	Mfr. #	Description	ONLY
94-732	472D-1	Desoldering Tool	\$525.00
Accessories			
94-566	B1916	Filter pipe (Filter pipe only)	7.19
94-565	B1915	Filter and ceramic paper filter (Large) (Filter holder)	2.99
94-215	B1087	Cleaning pin for nozzle Ø1.0mm (0.04")	4.19
94-724	B1215	Cleaning pin for heating element	6.49
94-480	B1303	Cleaning drill for nozzle Ø1.0mm (0.04")	18.99
94-455	A1030	Spring filter (10/pk)	11.99
94-460	A1033	Ceramic paper filter (Large) (10/pk)	8.99
94-390	A1009	Ceramic paper filter (Small) (10/pk)	5.99
94-726	B1095	Cleaning Pin Holder	5.39
94-728	A1028	Grease	5.39
94-730	B2100	Wrench	9.09
94-734	B1670	Cleaning brush	13.99



HAKKO Replacement Nozzles

Replacement nozzles for Hakko models 470B, 471, 472B, 473, 702, 703, and 808 desoldering tools.

Fig.	Order #	Mfr. #	ØA	ØB	ONLY
1	94-635	A1002	0.03"	0.07"	\$15.49
1	94-315	A1003	0.04"	0.08"	13.99
2	94-640	A1004	0.03"	0.09"	13.99
2	94-385	A1005	0.04"	0.1"	13.99
2	94-450	A1006	0.05"	0.12"	13.99
2	94-554	A1007	0.06"	0.12"	13.99
1	94-752	A1393	0.04"	0.055"	18.99
3	94-754	A1394	0.04"	0.083"	16.49
1	94-756	A1395	0.05"	0.083"	16.49
2	94-758	A1396	0.09"	0.15"	17.99

HAKKO Econo Soldering Iron Kit

•Lightweight design for ease of use **Kit includes:** •40W solder iron, replacement tip, and desoldering wick

Order #	Mfr. #	ONLY
94-530	P508-1	\$15.99

Hakko

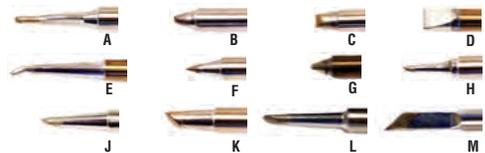


HAKKO FX-951 Soldering Station

NEW!

•Superior heat transfer and thermal recovery
•Lockout key card to prevent unauthorized or accidental temperature settings •Low temperature alarm •Auto shutoff after 30 minutes of non-use •Soldering iron (FM-207) uses quick-change composite tips •Sleep mode functionality when used with the FH200-01 iron stand (included) •Anti-bacterial sleeve assembly •Iron cord length: 47" •Temperature range: 400°~840°F •Temperature stability: ±9°F •Temperature accuracy: ±27°F

Order #	Mfr. #	Description	ONLY
94-1000	FX951-66	FX-951 soldering station	\$249.00
94-990	FH200-01	Iron holder, w/ auto sleep	64.99
94-995	FH200-02	Iron holder, w/o auto sleep	54.99
94-1005	FM207-01	Replacement iron w/o tip	89.99



HAKKO T15 Series Soldering Tips

•Replacement soldering tips for Hakko stations: FM-204, FM-203, FX-951, FM-202, FP-102, and FP-101

Fig.	Order #	Mfr. #	Style Tip	ONLY
A	94-1010	T15-1603	Chisel, 1.5 x 17mm	\$19.99
B	94-1012	T15-D2	Chisel, 2.0 x 5mm	12.99
C	94-1014	T15-D32	Chisel, 3.2 x 5mm	12.99
D	94-1016	T15-D52	Chisel, 5.2 x 8mm	12.99
E	94-1018	T15-1605	Bent chisel, 1.5mm/30° x 3mm x 19mm	19.99
F	94-1020	T15-B	Conical, R0.2 x 7.5mm	12.99
G	94-1022	T15-B3	Conical, R0.7 x 5mm	12.99
H	94-1024	T15-BC1	Bevel, 1mm/45° x 11.5mm	14.49
J	94-1026	T15-BC12	Bevel, 1.2mm/60° x 15mm	19.99
K	94-1028	T15-BC3	Bevel, 3mm/45° x 10mm	12.99
L	94-1030	T15-BC15	Hoof, 1.5mm/60° x 17mm	49.99
L	94-1032	T15-KF	Knife, 4.6mm/45° x 17mm	19.99

Replacement Parts for Irons and Stations

Order #	Mfr. #	Use with Model #	Description	ONLY
94-210	B1085	707	Cleaning pin heater	\$5.99
94-215	B1087	707	Cleaning pin, 1.0mm	4.19
94-547	599-029	599/601	Cleaning wire	6.49
94-558	B1304	802/807/808/470/472	Cleaning drill	17.99
94-559	B1305	802/807/808/470/472	Cleaning drill	15.99
94-560	B1309	807/808/470/472	Drill bit	59.99
94-568	C1054	802/470/471	Desoldering gun	299.00
94-390	A1009	470/471	Filter, ceramic	5.99
94-170	481-021	707	Filter set, 10pcs.	12.99
94-565	B1915	807/472/473	Filter holder	2.99
94-566	B1916	807/472/473	Filter pipe	7.19
94-567	B2024	907-ESD	Handle, iron	21.99
94-400	A1174	472/473	Heater element	64.99
94-556	A1217	808	Holder, front	3.29
94-557	A1304	807/472/473	Holder, front	3.99
94-562	B1743	808	Housing	34.49
94-570	C1147	907/936	Iron, medium	69.99
94-385	A1005	470/471	Nozzle	13.99
94-265	483-T-8	707	Nozzle 0.8mm	26.49
94-270	483-T-1.3	707	Nozzle 1.3mm	24.99
94-554	A1007	702/703/808	Nozzle	13.99
94-563	B1784	900M/907/913	Nut, enclosure	4.79
94-564	B1786	900M/907/913	Tip enclosure	4.36
94-551	900M-T-3.2D	900M/907	Tip 3.2mm dia.	5.49
94-552	900S-T-1.6D	900S	Tip 1.6mm dia.	9.99
94-553	900S-T-1	900S	Tip	10.49
94-555	A1042	631/632/936/937	Sponge	3.99



Weller

WLC100 Solder Station

•Variable power control (5-40W) •40W pencil iron and ST3 interchangeable tip •Replaceable heating element •Cushioned foam grip •Safety guard iron holder •On/off switch with "power-on" indicator light



Order #	Mfr. #	Description	ONLY
21-3475	WLC100	Solder station	\$49.99
Replacement parts for WLC100			
96-1567	ST7	Conical tip	3.99
96-310	ST1	Screwdriver tip	3.99
96-320	ST5	Single flat tip	3.99
96-1199	HE40	Heater	14.99
96-1254	WCC104	Sponge	1.69



Weller

WD1002 Soldering Station



Features: •Three "radio buttons" allow user to pre-set frequently used temperature settings •Extensive special functions menu allows you to utilize access features •Setback, lockout, temp. window, F/C switching, standby, auto-off time •Large high contrast LCD display displays more information at a glance •Unique silver heater allows faster, more efficient soldering •High output pencil allows you to work with lead-free solder •85W of controlled power allows you to work on high-mass boards •Iron stand has adjustable tilt angle in four positions •ESD safe to protect sensitive components Specifications: •Wattage: 85W •Soldering pencil: WSP80 •Temperature range: 150°F~850°F •Temperature accuracy: ± 15°F (± 9°C) •Voltage input/output: 120V/24V •Supplied tip: LTB •Iron stand: WDH10 Includes: •WD1 single channel power unit, WSP80 80W soldering pencil, and WDH10 soldering pencil stand

Order #	Mfr. #	Description	ONLY
96-2160	WD1002	Complete soldering station	\$259.00
Optional Accessories			
96-1291	WSP80	Replacement 80W iron	109.00
96-2170	WD2	Dual channel power unit	279.00

Weller

WD1001 Soldering Station

Features: •Three "radio buttons" allows user to pre-set frequently used temperature settings •Extensive special functions menu allows you to utilize access features •Setback, lockout, temperature window, F/C switching, standby, auto-off time •Large high contrast LCD display displays more information at a glance •The heating element is contained in the pencil rather than the tip •Micro pencil with short tip to grip (37mm) puts you close to the work •High output pencil allows you to work with lead-free solder •Iron stand has adjustable tilt angle in four positions •ESD safe to protect sensitive components Specifications: •Wattage: 85W •Temperature range: 150°F ~ 850°F •Temperature accuracy: ±9°F (±5°C) •Voltage input/output: 120V/24V •Supplied tip: NT1 •Iron stand: WDH20 Includes: •WD1 single channel power unit, WMP 65W soldering pencil, and WDH20 soldering pencil stand

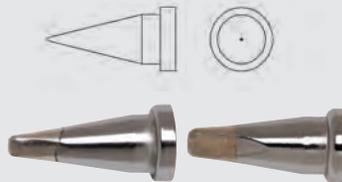


Order #	Mfr. #	ONLY
96-2165	WD1001	\$259.00

Weller LT Series Tips

Tinned with lead-free solder.

Order #	Mfr. #	Description	ONLY
96-1293	LT1	0.25mm round tip	\$6.19
96-1294	LT1S	0.2mm round tip	6.19
96-1295	LTA	1.6mm round tip	6.19
96-1296	LTAS	1.6mm round tip	6.19
96-1297	LTB	2.4mm chisel tip	6.19
96-1298	LTC	3.2mm chisel tip	6.19
96-1300	LTD	4.6mm chisel tip	6.12
96-1302	LTH	0.8mm chisel tip	6.19
96-1303	LTK	1.2mm chisel tip	6.19



Weller Replacement Irons

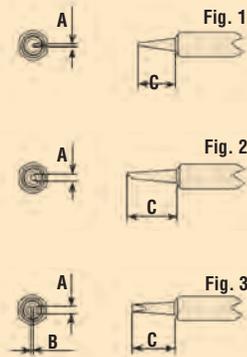


Replacement iron must be used with Weller soldering station such as EC1002 series. Blue plastic handle meets requirements for ESD safety. Includes ETA type tip. 24V, 40W.

Order #	Mfr. #	For Station	ONLY
96-011	EC1201A	EC1002 Series	\$105.00
Replacement parts for EC1201A			
96-1209	BA60	Barrel nut assembly	5.89
96-120	EC234	Heater assembly	16.99
96-1218	EC229A	Sensor assembly	65.99
96-1219	EC233	Cord assembly	29.99
Replacement parts for EC1301R			
96-1207	EC260	Sensor assembly	61.99

Weller NT Series Tips for the WMP Micro Soldering Pencil

Fig.	Order #	Mfr. #	Type	Inches	Millimeters	Inches	Millimeters	Inches	Millimeters	ONLY
1	96-1780	NT1	Micro	0.010	0.25	-	-	0.291	7.40	\$11.49
1	96-1782	NT1S	Micro	0.010	0.25	-	-	0.333	8.45	11.49
2	96-1786	NT4	Round	0.047	1.20	-	-	0.390	9.90	11.49
3	96-1788	NT6	Chisel	0.063	1.60	0.016	0.40	0.372	9.45	11.49
3	96-1790	NTA	Chisel	0.063	1.60	0.016	0.40	0.331	8.40	11.49
3	96-1794	NTC	Chisel	0.126	3.20	0.031	0.80	0.305	7.75	11.49
3	96-1798	NTH	Chisel	0.031	0.80	0.016	0.40	0.33	8.40	11.49
3	96-1800	NTK	Chisel	0.047	1.20	0.016	0.40	0.331	8.40	11.49

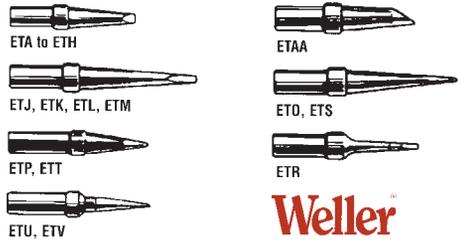




Weller WES51 Electronic Soldering Station

•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 •Temperature range of 350°F~850°F •Accuracy within 9°F •Designed for continuous production soldering •Tip temperature offset capability which provides the user with the capability of resetting station temperature readings to variations in tip sizes and styles •Station automatically powers down after 90 minutes of inactivity to prolong tip life and save power •ESD safe to protect sensitive components •Improved plug on the PES51 iron and new receptacle on the WES51PU power unit for easier iron replacement **Note:** •PES51 iron works only with WES51 solder station, PES50 iron works only with WES50 solder station •Uses ET series tips •Soldering station comes complete with WES51PU power unit, PES51 soldering pencil with ETA tip, and PH50 stand and sponge

Order #	Mfr. #	Description	ONLY
96-1760	WES51	Complete soldering station	\$119.00
96-1762	PES51	Replacement soldering pencil w/ETA tip for WES51 soldering station	38.99
96-1350	PES50	Replacement soldering pencil w/ETA tip for WES50 soldering station	42.99
96-1355	PH50	Replacement soldering stand and sponge	17.99



Weller Replacement Tips for EC1201, PES50 and PES51 Irons; WES50, WES51 and WES51 Soldering Station; WCC100 Soldering Station

Order #	Weller #	Type	ONLY
96-435	ETA	1/16" screwdriver	\$3.99
96-1107	ETB	3/32" screwdriver	4.59
96-1108	ETC	1/8" screwdriver	3.99
96-1109	ETD	3/16" screwdriver	4.69
96-1110	ETH	1/2" screwdriver	4.59
96-1111	ETP	1/32" conical	3.99
96-455	ETT	0.25" conical	3.99
96-1114	ETV	0.29" single flat	4.69
96-1115	ETAA	1/16" single flat	4.69
96-450	ETO	1/32" long conical	3.99
96-1120	ETS	1/64" long conical	3.99
96-1121	ETJ	1/32" long screwdriver	3.99
96-440	ETK	3/64" long screwdriver	6.19
96-1123	ETL	5/64" long screwdriver	4.69
96-1124	ETM	1/8" long screwdriver	4.69
96-445	ETR	1/16" long screwdriver	3.99



Weller WESD51 Digital Soldering Station

•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 •Temperature range of 350°F~850°F •Accuracy within 9°F •Designed for continuous production soldering •Can switch between °F and °C •Tip temperature offset capability which provides the user with the capability of resetting station temperature readings to variations in tip sizes and styles •Station automatically powers down after 90 minutes of inactivity to prolong tip life and save power •Slim, comfortable pencil reduces operator fatigue •ESD safe to protect sensitive components •Uses ET series tips •Soldering station comes complete with WESD51PU power unit, PES51 soldering pencil with ETA tip, and PH50 stand and sponge

Order #	Mfr. #	Description	ONLY
96-1764	WESD51	Digital soldering station	\$169.00
96-1762	PES51	Replacement soldering pencil w/ETA tip	38.99
96-1355	PH50	Replacement soldering stand and sponge	17.99



Weller 15 Piece Woodburning and Hobby Kit

Kit includes: •25W short barrel woodburning iron •Six woodburning tips •Shading, universal, groove, calligraphy, stencil cutting, dot •Hot knife tip with blade chuck •Pattern transfer tip •Three branding tips •Iron stand •Complete project book •Bonus reusable plastic carry case

Order #	ONLY
96-2200	\$19.99

Weller Parts for WESD51, WTCPT

•Tips are made of a copper core which is electroplated with iron to extend the lifetime of tip

Order #	Weller #	Type	ONLY
96-015	EPH101	Micropoint tip	\$5.99
96-020	EPH106	Screwdriver tip	6.49
96-025	EPH109	Conical tip	6.19
96-395	TC205	Sponge	1.19



Weller WTCPT Soldering Station

•A transformer powered soldering station complete with a lightweight, heat insulated, low wattage soldering pencil •Maximum tip temperature is controlled by Weller's special "closed loop" method •Grounded tip •Iron features a stainless steel plug-in heating element and a nonburning silicone rubber cord •PTA7 7/8" tip included

Order #	Mfr. #	Description	ONLY
96-030	WTCPT	Soldering station	\$139.00
Replacement parts for WTCPT			
96-1226	PH1201ESD	Iron stand assembly	24.99
96-1229	TC204	Spring/funnel assembly	6.59
96-350	TC201T	Iron with cord	79.99
96-120	EC234	Heating element	16.99
96-405	SW60	Switch assembly	26.99
96-395	TC205	Sponge	1.19
Replacement tips for WTCPT iron (TC201)			
96-035	PTA7	700°F, 0.062" screwdriver	3.99
96-1069	PTA8	800°F, 0.062" screwdriver	4.29
96-040	PTB7	700°F, 0.093" screwdriver	5.49
96-355	PTC7	700°F, 0.125" screwdriver	5.49
96-045	PTD7	700°F, 0.187" screwdriver	5.29
96-1056	PTP7	700°F, 0.031" conical	4.29
96-1059	PTO8	800°F, 0.032" long conical	3.99
96-050	PTO7	700°F, 0.032" long conical	3.99



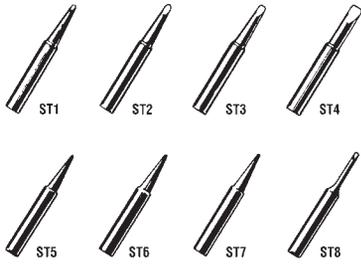
•Heats up to working temperature in just 45 seconds •Thermo-Boost trigger gives you added bursts of power when you need it •Designed for continuous use •Ultra lightweight, weighs just 3 oz. •130W, up to 950° **Kit includes:** •Thermo-Boost heat tool •Stand •Six multi-use tips •Conical, foam cutting, rope cutting, scoring, smoothing, and screwdriver •Instruction manual

Order #	ONLY
96-2180	\$19.99



•All-purpose gun with trigger selectable high (140W) or low (100W) heat •Ready to solder in six seconds •Built-in light illuminates work area •Balance pistol-grip design •Soldering gun packed in plastic case with one soldering tip, one sealing tip, one cutting tip, flux brush, soldering aid tool, coil or 40/60 rosin core solder and soldering hints booklet •UL listed

Order #	Description	ONLY
96-065	Soldering gun kit	\$42.99
96-070	Copper replacement tip, 2 piece	4.49
96-075	Iron plated replacement tip, 2 piece	5.79



Weller "ST" Series Tips for WP Professional Soldering Irons

•Tips compatible with the WP25, WP30, WP35, WP25P, WP40P irons; WLC100 solder station •Precision ground copper tips are plated with iron, nickel, and chromium •Sold individually

Order #	Mfr. #	Description	ONLY
96-310	ST1	Screwdriver tip	\$3.99
96-1564	ST2	Screwdriver tip	4.09
96-315	ST3	Screwdriver tip	5.39
96-1565	ST4	Screwdriver tip	4.09
96-320	ST5	Single flat tip	3.99
96-1566	ST6	Screwdriver tip	5.79
96-1567	ST7	Conical tip	3.99
96-325	ST8	Narrow SD tip	5.39



Weller WP Series Professional Soldering Irons

Three wire grounded irons are ideal for professional service, hobby applications or light electrical work. Iron plated tip and stainless steel construction offer longer tip life. Lightweight cushioned handle stays cool, even after hours of use. Replacement tips and heating elements are available.

Order #	Mfr#	Description	(ea.)	(2-4)	(5-up)
96-305	WP25	25W iron	\$38.99	\$36.95	\$34.95
96-429	WP30	30W iron	42.99	40.95	38.95
96-430	WP35	35W iron	47.99	46.25	44.50
Replacement parts for WP series irons					
96-1255	HE25	Heater for WP25	19.99	-	-
96-1256	HE30	Heater for WP30	30.99	-	-
96-1257	HE35	Heater for WP35	31.99	-	-



Weller Pro Series High Performance Soldering Iron

•Heats up to working temperature (450°F) in just 35 seconds •Patented design provides performance equivalent to a 60W iron (900°F) •Red power-on LED changes to green when iron reaches working temperature •LED work light illuminates working surface •Comfortable grip •No stand needed •Tips use a phono jack and plug for easy tip exchange

Order #	Description	ONLY
96-2280	Pro iron kit	\$29.99
96-2282	Conical replacement tip	9.99
96-2284	Chisel replacement tip	9.99



Weller Controlled Output Soldering Irons

•Uses the Weller "closed loop" method of controlling maximum tip temperature •Lightweight and portable—no base station required •Stainless steel modular plug-in heater provides 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 ground cord set •Each iron comes complete with a 700°F tip •120VAC

Order #	Mfr. #	Wattage/Cord	ONLY
96-1722	W60P	60W/2-wire	\$79.99
96-1724	W60P3	60W/3-wire	77.99
96-1726	W100P3	100W/3-wire	83.49

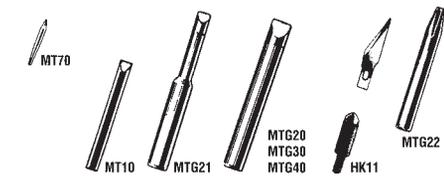
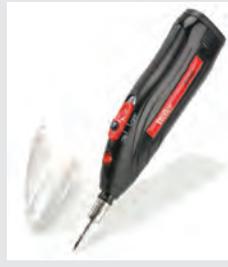
Order #	Mfr. #	Description	ONLY
96-1730	CT5C7	1/8" screwdriver tip, 700°F	\$6.82
96-1732	CT5A7	3/16" screwdriver tip, 700°F	7.29
96-1734	CT5E8	1/4" screwdriver tip, 800°F	6.82
96-1736	CT5C8	1/8" screwdriver tip, 800°F	6.82
96-1738	CT5A8	3/16" screwdriver tip, 800°F	7.29

Order #	Mfr. #	Description	ONLY
96-1740	CT6E8	1/4" screwdriver tip, 800°F	\$9.79
96-1742	CT6F7	3/8" screwdriver tip, 700°F tip	9.79

Weller Battery Powered Soldering Iron

•Heats up to working temperature in under 15 seconds •The heating element is in the tip for super-fast heat-up •Red LED light indicates when power is on •Protective safety cap turns off power when placed on tool •Over 120 intermittent solder joints per battery charge •Perfect for field service repair on small parts and components **Kit includes:** •Soldering iron •Conical tip •Three Duracell "AA" batteries •Lead-free solder •Tip wrench

Order #	Description	ONLY
96-2175	Cordless iron kit	\$16.99
96-2220	Replacement conical tip	6.99



Weller Tips for Marksman Soldering Irons

•Nickel-plated tips are available in a wide variety of styles •MTG tips are iron-plated for heavy-duty soldering irons

Order #	Mfr. #	Description	ONLY
96-100	MT1	Conical tip, 2/pk	\$4.84
96-1530	MT2	Screwdriver tip, 2/pk	4.59
96-1531	MT3	Chisel tip, 2/pk	4.59
96-105	MT10	Chisel tip, 2/pk	7.99
96-095	MT70	Conical tip, 2/pk	4.89
96-1537	MTG20	Chisel tip, 1/pk	8.39
96-1538	MTG21	Chisel tip, 1/pk	8.89
96-1539	MTG22	Conical tip, 1/pk	9.90
96-1540	MTG30	Chisel tip, 1/pk	12.99
96-1541	MTG40	Chisel tip, 1/pk	21.99
96-115	HK11	Blade and chuck, 1/pk	8.29

Don't See The Part You Need?
 Call our Quotes Team
1-800-543-4330
 email: quotes@mcmelectronics.com



Weller Lighted Marksman Soldering Iron Kit

•A neon light in the handle of this soldering iron gives the user a quick indication that the iron is on •Ideal for hobbies, kits, radios, and electronics work •Featherweight iron with pencil handle •Stainless steel barrel •Heat and impact resistant handle •UL listed **Kit includes:** •25W (750°F) •SP23L iron, MT1 (cone shaped tip), MT2 (screwdriver tip), MT3 (chisel tip), lead free solder, and soldering aid tool

Order #	Mfr. #	Description	(1-4)	(5-up)
96-1505	SP23LK	Kit	\$23.49	-
96-1500	SP23L	25W (750°F) iron and MT1 (cone shaped tip)	12.99	\$11.50
96-1510	SP40L	40W (900°F) iron and MT10 (chisel tip)	19.99	18.95
96-2060	SP80L	80W (900°F) iron and MTG20 (chisel tip)	35.99	-



Weller Pro Series Cordless Iron

•Heats up to working temperature in under 15 seconds •White LED light illuminates working surface •Dual power (high 11W at 950°F and low 8W at 850°F) •Protective safety cap turns off power when placed on tool •Solder over 150 solder joints with fresh batteries •Perfect for field service repair on small parts and components **Kit includes:** •Iron •Two tips •Four "AA" batteries •Lead free solder •Tip wrench

Order #	Mfr. #	Description	ONLY
96-2275	BP86MP	Cordless iron kit	\$19.99
96-2277	BP10	Conical replacement tip	8.99
96-2279	BP11	Chisel replacement tip	8.99



Weller Portasol Cordless Soldering Kit

•Ideal for service technicians to solder, heat shrink, and cut rope •Butane fuel level is visible through a window •Built-in fuel filter reduces contaminated fuel problems •Auto switch safety shut off on cap •Operates up to two hours per refill •Temperature is fully adjustable •Maximum temperature of 1076°F/580°C •Mfr. #PSI100K •Kit contains: PSI-100 iron, sponge, stand and extra tips packed in a plastic case

Order #	Mfr. #	Description	ONLY
96-1085	PSI100K	Cordless soldering iron kit	\$79.99

Replacement tips for PSI100K

Order #	Mfr. #	Description	ONLY
96-1236	PSI1	1/2" flat tip	\$13.49
96-1237	PSI2	3/8" flat tip	13.49
96-1238	PSI3	1/4" flat tip	13.49
96-1240	PSI5	1/2" chisel tip	13.49
96-1241	PSI6	3/8" chisel tip	13.49
96-1242	PSI7	1/4" chisel tip	13.49



portasol Weller Cordless Soldering Tool with Piezo Self-Ignitor

Features: •Safe, no open flame •Super fast heat-up lets you melt solder in under a minute •Lasts up to one hour of

continuous use on one refill •View window lets you see how much fuel you have left •Tip retainer releases in just two turns making tip changeout quick and easy •Adjusts from the equivalent of 25 to 75W for temperatures up to 850°F •Kit contains: •Portasol soldering tool with PPT6, PPT12, PPT10, PPT9, and PPT11 tips •Sponge and tray •Storage case with tool holder Note: •Butane fuel required

Order #	Mfr.#	Description	ONLY
96-1985	P2KC	Soldering tool kit	\$56.99
96-1990	P2C	Soldering tool only with 3/8" double flat soldering tip	34.99

Order #	Mfr.#	Description	ONLY
96-1995	PPT1	Single flat 1/2" tip	10.49
96-2000	PPT2	Single flat 3/8" tip	10.49
96-2015	PPT5	Double flat 1/2" tip	11.99
96-2020	PPT6	Double flat 3/8" tip	10.99

Weller WPA2 Self-Igniting Pyropen®

•Just press the self ignition button and the Pyropen is ready to use in just 30 seconds •Variable temperature: 482°-932°F •Fast heat up •Self igniting •Up to three hours of operation

Order #	Mfr. #	Description	ONLY
96-480	WPA2	Self-igniting Pyropen®	\$129.00

Replacement parts for WPA2

96-1259	WPA-B	Burner	21.99
96-1260	WPA-E	Ejector	15.99



Weller Hot Air Rework Station

With 650W of power, internal air adjustable from 5~50 L/min, and temperature variable from 100°F~1,000°F, the Weller™ WHA900 station is a solid performer. It is the only unit in its class that has a temperature and air flow setback that can be preselected by the user. Plus, it features a temperature-offset control that fine-tunes the hot air temperature at the tip when an ultra-precise temperature is required for thermo coupled component removal. •For safely removing larger SMT components with a large number of leads •Works with a host of other hot air applications, such as heat shrink tubing •Compact design and simple controls maximizes workspace efficiency •Controlled output maintains set temp regardless of airflow setting •Temperature and air flow are controlled independently •Standby button allows you to power down to low settings when not in use •Includes a rest support for the hand piece •Control accuracy: ±86°F •Pump noise: 52.5 dbA @ 24 L/min. •Dimensions 8.125" x 6.625" x 4.25" •RoHS/WEEE compliant •Nozzles sold separately •Mfr. #WHA900

Order #	ONLY
96-2240	\$499.00

Fig. 1

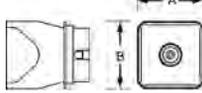


Fig. 2

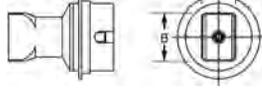


Fig. 3

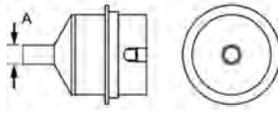
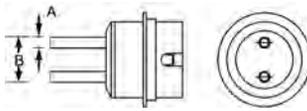


Fig. 4



Weller Hot Air Nozzles

For use with Weller WHA900, HAP2 and HAP3 hot air irons.

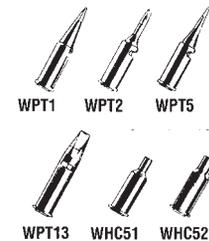
Order #	Mfr. #	A		B		ONLY
		Inches	Millimeters	Inches	Millimeters	
Fig. 1 Four sides heated						
96-1093	0058736839	0.433	11.0	0.433	11.0	\$61.99
96-1089	0058736818	0.583	14.8	0.583	14.8	61.99
96-1090	0058736814	0.709	18.0	0.709	18.0	63.99
96-1092	0058736807	0.807	20.5	0.807	20.5	61.99
96-2248	0058736804	1.024	26.0	1.024	26.0	71.99
96-1099	0058736833	1.26	32.0	1.26	32.0	72.99
96-2250	0058736838	0.394	10.0	0.571	14.5	71.99
Fig. 2 Two sides heated						
96-1095	0058736843	0.421	10.7	0.421	10.7	61.99
96-1096	0058736842	0.394	10.7	0.551	14.0	61.99
96-1097	0058736841	0.472	12.0	0.748	19.0	61.99
96-1098	0058736840	0.583	4.8	0.846	21.5	61.99
Fig. 3 Round nozzle						
96-2242	0058736881	0.098	2.5			71.99
96-2244	0058736867	0.157	4.0			71.99
96-2246	0058736870	0.276	7.0			71.99
Fig. 4 Dual nozzle						
96-2252	0058736883	0.098	2.5	0.374	9.5	71.99



Weller WSTA3 Pyropen™ Kit

•Butane-powered cordless soldering iron •Variable temperature: 392°-932°F •Ready to solder in 30 seconds •Sturdy metal tank contains enough fuel for up to three hours of use •Kit contains: •Pyropen soldering tip, torch ejector, heat tip, spanner, solder sponge, and iron holder in a metal box

Order #	(kit)	(2-4 kits)	(5 kits-up)
96-055	\$119.00	\$112.50	\$104.78



Weller "WPT", "WHC", "WAR" Series Tips for Pyropen® Irons

•For WSTA3 (#96-055) and WPA2 (#96-480) Pyropen® Irons •Sold individually

Order #	Mfr. #	Description	ONLY
96-1542	WPT1	Taper needle tip	\$15.99
96-335	WPT2	Chisel tip	16.99
96-1544	WPT5	Taper needle tip	16.99
96-1551	WPT13	High powered long taper chisel tip	20.49
96-1554	WHC51	Hot air tip	15.99
96-415	WHC52	Hot air tip	16.99



Weller WSTA6 Pyropen Jr.

•Butane gas soldering iron and hot air tool •Open/close ignition vent •Self-ignition finger switch–no sparklighter required •Temperature control–equivalent adjustment from 15 watts to 60 watts gives you flexibility •Butane gas refill nozzle–refills in 20 seconds •Fast and efficient 30 second heat up time •Protective cap keeps hot tip from contact with delicate surfaces •Includes: •Pyropen Jr., taper needle soldering tip (#96-1465), and hot air nozzle, protective cap, and complete instructions

Order #	Mfr. #	Description	ONLY
96-1460	WSTA6	Pyropen Jr.	\$59.99

Replacement soldering tips and hot air nozzles

96-1465	WPT01	1.0mm taper needle soldering tip	17.99
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Weller

Premium Butane Fuel

•Compatible with Weller® Portasol® and Weller® Pyropen tools •Premium quality butane fuel will not clog •UPS shippable •1.0 oz. can •12 cans per case •Mfr. #WB2

Order # **ONLY**
96-1515 \$2.99



Weller

Magna-Lite Butane Table Torch

•Piezo electronic ignition system for reliable ignition every time •Adjustable flame height •Up to 60 minutes continuous use controls flame temperature up to 2,400°F •Child safety lock meets CPSC guidelines •Refillable with Weller WB2 filtered butane (not included) •For heat shrink tubing, soldering, fusing rope ends, frozen locks, camping, first aid, labs, boating, and more

Order # Mfr. # Description **ONLY**
96-2270 ML200 Table torch \$21.99
96-1515 WB2 Premium butane fuel 1 oz. 2.99



Weller WST2 Pyropen® Jr.

Order # Mfr. # Description (ea.) (2-4) (5-up) **ESD**
96-330 WST2 Pyropen® Jr. \$99.99 \$92.45 \$87.50
Replacement parts for WST2
96-1562 WHC-54 Hot air tip 19.99 - -

Weller "WPT", and "WHC" Series Tips for Pyropen® Irons

•For WSTA2 (#96-330) Pyropen® Jr. Irons •Long life tips •Four soldering tip combinations and two inactive hot air nozzles for low temp heat available •Sold individually

Order # Mfr. # Description **ONLY**
96-1558 WPT15 .5mm taper needle tip \$16.99
96-1562 WHC54 1.5mm hot air tip 19.99



Weller

Magna-Lite Soldering Pencil

•Waterproof piezo electronic ignition system for reliable ignition every time •Adjustable gas flow valve controls tip temperature range of 750°F~900°F •Up to 30 minutes continuous use on medium setting •Operates as a mini-torch when the tip is removed •Window allows you to see fuel level •Base allows tool to stand for hands free operation •Safety cap can for secure storage •Use for soldering, heat shrink tubing, electrical, and electronics •Refillable with WB2 filtered butane

Order # Mfr. # Description **ONLY**
96-2272 ML500MP Butane soldering pencil \$16.99
96-2273 ML501 Conical replacement tip 2.49
96-2274 ML502 Chisel replacement tip 2.49
96-2276 ML503 Knife replacement tip 2.49
96-1515 WB2 Premium butane fuel 1 oz. 2.99



ECG® Professional Quality Butane Fuel with Fuel Tip Cleaner

•Non-clogging •Precision filler spout adapts to all refillable butane products •Will work immediately in very cold weather •FDA and pharmaceutical approved •CFC/HCFC free

Order # **ONLY**
21-8405 \$5.43



ISOATIP

Solder Pro Cordless Soldering Irons

•Ready to use in ten seconds •Each Solder Pro iron includes iron, 1.0mm conical tip (MCM #21-6835), protective cap with igniter, and instructions •Refills with butane fuel (not included)

Mfr. # Order # Size Run Time Soldering Temperature **ONLY**
Solder Pro 50 21-6815 Compact-6" 30 minutes 410°F~750°F \$24.99
Solder Pro 70 21-6820 Standard-8.75" 120 minutes 410°F-850°F 36.99

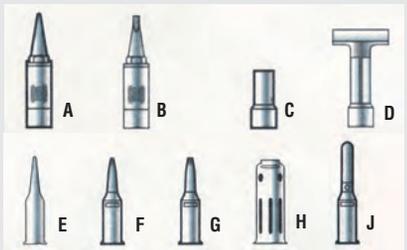


ISOATIP

Solder Pro 120

•Automatic ignition •Up to 200 minute run time •Soldering temperatures 480°F~1000°F •Torch temperature 2400°F •Ready to use in ten seconds •Includes the Ultimate Solder Pro 120 soldering iron, 1.6mm conical tip (MCM #21-6860), torch tip (MCM #21-6875), protective cap, and instructions •Refills with butane fuel (not included)

Order # **ONLY**
21-6825 \$71.99



ISOATIP Solder-Pro Series Tips

Replacement tips for the Solder Pro 50 (MCM #21-6815), Solder Pro 70 (MCM #21-6820), and Solder Pro 120 (MCM #21-6825).

Fig. Order #	Description	Used in Solder Pro Model #	ONLY
A 21-6835	1.0mm conical tip	Solder Pro 50 & 70	\$10.99
B 21-6840	2.0mm chisel tip	Solder Pro 50 & 70	10.99
C 21-6850	Torch tip	Solder Pro 50 & 70	10.99
D 21-6855	Heat blower & deflector	Solder Pro 50 & 70	10.99
E 21-6860	1.6mm conical tip	Solder Pro 120	10.99
F 21-6865	2.4mm chisel tip	Solder Pro 120	10.99
G 21-6870	3.2mm chisel tip	Solder Pro 120	10.99
H 21-6875	Torch tip	Solder Pro 120	10.99
J 21-6880	Hot knife tip	Solder Pro 120	10.99

DURATOOL Table Torch

•Adjustable flame control to 2,500°F •Non-slip grip for hand held use •Oxygen cut-off slide for candle-style flame •Self igniting push-button •Safety lock •Hands-free slide lock for continuous use with instant off •Great for soldering, welding, melting, fusing, and heating •20ml fuel capacity •Butane not included

Order # MSRP (1-2) (3-5) (6-up) **ONLY**
21-9185 \$39.99 \$19.99 \$19.25 \$18.50



ECG® Versa-Torch™ Professional Butane Torch

•Run time of 220 minutes per full tank •Piezo ignition •Built-in stand allows for hands-free operation •Great for welding, soldering, electronic repairs, and material bending •Adjustable flame control 2500°F •Adjustable air flow control valve •Adjustable gas flow control valve •Safety kill/off switch •Refills with butane fuel (not included)

Order # **ONLY**
21-8105 \$49.99



ECG®

Butane Soldering Iron and Torch

•30W~70W performance equivalent to a corded soldering iron •Soldering temperature 410°F~750°F •Torch temperature 2500°F •Operating time up to 30 minutes •Refills with butane fuel (not included) •Includes 1mm conical tip and torch attachment

Order # Description **ONLY**
21-8110 Soldering iron and torch kit \$20.99
Replacement tips for
21-8480 1.0mm conical replacement tip 9.13
21-8482 2.0mm chisel replacement tip 9.13
21-8484 Heat blower and deflector tip 9.96



ECG® Micro Jet Butane Torch with Flame Control

•Great for soldering, electronic repairs, spot heating, heat shrink tubing, or any application where an instant heat source is needed •Instant 2500°F micro flame •Wind proof •Water resistant ignition •Auto ignition safety lock •20 minutes of burn time per fuel tank •Powered by refillable butane cartridge (included)

Order # **ONLY**
21-8100 \$14.99



ECG® Handy Torch™ Butane Torch

•Piezo electronic ignition •30 minute run time •Torch temperature: 2500°F •Ready instantly •Wind proof flame and water proof ignition •Compact size

Order # **ONLY**
21-8400 \$11.99



Pencil Irons



ECG Variable Wattage Iron

The flexibility of a soldering station's variable wattage packed into a small pencil iron. •Equipped with a variable wattage setting function from 25W (464°F)-60W (860°F) •Power ON/OFF switch with LED power ON indicator **Kit includes:** •Cool-grip rubber handle soldering iron w/conical needle tip •Soldering iron safety stand •Replacement tips available in pack of three that includes one conical, one chisel, and one fine point tips

Order #	Description	ONLY
21-8715	Variable wattage iron kit	\$24.99
21-8717	Replacement tip three pack	5.99



40 Watt Soldering Pencil

•Light weight design for work efficiency •Super quick heat-up and heat recovery •Simple tip replacement (use #21-4341)

Order #	Description	ONLY
21-4340		\$7.69



80 Watt Soldering Pencil

•Stainless elements ensure long-lasting protection from corrosion •Very quick heat-up time •Light weight design for work efficiency

Order #	Description	ONLY
21-4345		\$12.99



Pro'sKit Hot Air Rework Tool

•CPU controlled rework tool precisely controls both temperature and air flow •Digital settings and visual display for full control •Temperature adjustable from 212°F ~ 900°F •Space saving pencil design •Built-in fan for air control eliminates need for separate air pump •Three different nozzles sizes included •Can be used for QFP, SOP and PLCC SEM ICS •110V, 5~500W

Order #	Description	ONLY
21-9220		\$99.99

ESD Look for this Symbol for Products Recommended for Static Sensitive Projects. Products marked with the ESD symbol may not be ESD safe if used improperly. Other products and their uses may also be ESD safe. Check with your account representative for more information.

Fume Absorbers



Weller Benchtop Smoke Absorber

While the introduction of lead-free solder has created a healthier environment for everyone whom works with solder, the more active fluxes required to be used with it give off more fumes than ever before. •Removes irritating flux fumes from soldering workbench •Fumes are absorbed by the replaceable carbon-activated filter •Stand allows the smoke absorber to be adjusted to varying angles •Fan is quiet and will not add significant noise to the workspace •ESD safe for work around sensitive components •Includes one replacement filter

Order #	Mfr. #	Description	ONLY
96-2255	WSA350	Smoke absorber	\$49.99
96-2257	WSA350F	3-pack replacement filters	5.99



EDSYN Bench Top Fume Extractor

•Powerful 12VDC fan motor draws fumes away •Ultra-quiet operation •Dual filtration with charcoal impregnated rear filter and rotating front filter provides filtration 8x better than a stationary filter •Bright front (green) and rear (yellow) LEDs, indicate power and flow direction •Adjustable to almost any working angle •Low static, ESD safe •Dimensions: 5.5" (W) x 12" (H) x 5.5" (D)

Order #	Mfr. #	Description	ONLY
21-4694	FXF11	Fume extractor	\$99.99
21-4695	XF01	Replacement filter set	16.49



HAKKO 493 Smoke Absorber

•Designed to remove noxious fumes quickly, safely, and efficiently •The fan is fully adjustable, quiet, and efficient •Filter is made by joining a specific urethane foam with refined, activated high absorption carbon •ESD safe by design •Mfr. #493-10

Order #	Description	ONLY
94-784		\$111.00



ok Benchtop Fume Absorbers

•Aerodynamic hood design effectively draws irritating soldering fumes away from the work area •Carbon-impregnated filters trap a limited portion of the flux fumes •Compact size, low profile and adjustable stand allows convenient placement 6" to 8" from work area •Articulating arm allows optimized positioning and saves bench space •ESD safe version (#21-8427) with static-dissipative housing •Includes fume absorber, articulating arm, mounting bracket, and three filters

Order #	Mfr. #	Description	ONLY
21-8426	SA-91	Fume absorber w/articulating arm, 115VAC	\$199.00
21-8427	SA-91-E	ESD safe fume absorber w/articulating arm, 115VAC	219.00
21-8428	SAF-1	Replacement filter set (3/pk)	19.99

Soldering Pots



PLATO Precision Soldering Pots

•Solid state controller limits transient voltage spiking to 2mV peak-to-peak or less for voltage sensitive components •Temperature preset switch to lock-in the desired temperature •LCD displays preset temperature and operating temperature •Built-in surge suppression and power line circuit breaker •All metal construction is ESD safe •Output jack for external temperature recorder or data logger

Order #	Crucible Size	Depth	Capacity	Wattage	ONLY
21-8690	2.5" circumference	1.5"	2 lbs.	350	\$1199.00
21-8692	4"x 6"	4"	32 lbs.	1000	2399.00



PLATO Soldering Pots

•Three position control switch with infinitely variable temperature control •Safety heat shield •Removable dross tray for easy cleaning •2.5" diameter by 1.5" deep crucible •Adjustable leveling feet •All metal construction for ESD protection •Capacity: 2 lbs. •Available with easy to clean, long life porcelainized crucible (#21-8698 and 21-8700)

Order #	Mfr. #	Porcelainized	Wattage	ONLY
21-8694	SP-101	No	350	\$359.00
21-8696	SP-301	No	500	369.00
21-8698	SP-101P	Yes	350	429.00
21-8700	SP-301P	Yes	500	449.00



Six Piece Soldering Aid Kit

•Specialized tools for soldering •Includes brush/scrapper, brush/reamer, fork/reamer, hook/remover, hook/lifter, scraper/curved point

Order #	(kit)	(2 kits-up)
22-3790	\$4.99	\$4.49



Solder Aid Kit

•Six piece kit includes heat sink, self-closing tweezers, small Phillips screwdriver, brush/scrapper, pointed/slotted probe and curved point/scrapper

Order #	(1-9 kits)	(10 kits-up)
21-665	\$5.99	\$5.60



DURATOOL Third-Hand Tool with Magnifier

•Adjustable arms with clips for holding small pieces allowing your hands to be free for precision work •Adjustable joints for movement and placement in all directions •Heavy cast-iron base for stability •Distortion free magnifying glass for closer inspection

Order #	MSRP	ONLY
22-9730	\$14.99	\$4.99

ISO-TIP

"60" Cordless Soldering Iron

•Fully recharges in one hour, the fastest on the market •Automatically changes to an energy-saving, trickle-charging rate when battery becomes full •Solders up to 125 electronic joints •Contains iron, charging stand with plug transformer, battery (#21-4528), chisel tip (#21-4545), fine tip (#21-132) and instructions



Order #	ONLY
21-4524	\$68.99

ISO-TIP

Power Pro Cordless Soldering Iron

•High-capacity battery provides up to 30 minutes of continuous soldering •Solders over 200 electronic joints •Full recharge in four hours •Tip performance up to 900°F •LED charging indicator light •Contains iron, charging stand with wall plug transformer, battery (#21-4529), fine tip (#21-132), chisel tip (#21-4545) and instructions



Order #	ONLY
21-4525	\$71.99

ISO-TIP

ISO-TIP

Cordless Soldering Iron Kit

•"Quick Charge" ISO-TIP recharges in 3~4½ hours •A partially discharged battery returns to full capacity in an hour or two •Long lasting, premium quality, nickel cadmium battery withstands high-rate charging without damage •Fully charged unit can make up to 125 solder joints per charge •5~10 seconds average soldering heat time •Built-in worklight •#21-130 kit contains cordless soldering iron, recharging stand, tips #21-132 and 21-134, and instructions



Order #	ONLY			
21-130	\$54.99			
Order #	Description	(1-4)	(5-9)	(10-up)
21-132	Thin replacement tip	\$5.99	\$5.80	\$5.74
21-134	Wide replacement tip	5.99	5.80	5.74
21-3295	Replacement battery for iron	19.99	19.50	18.95

ISO-TIP

Hi-Efficiency Replacement Tips

These high efficiency replacement tips easily snap in and out of all Iso-Tip rechargeable soldering irons including MCM #21-130, 21-4524, 21-4525, and 21-6755. Tips reach soldering temperature in less than ten seconds and reach a tip temperature of 900°F. These high efficiency replacement tips heat up faster and last 20% longer than Iso-Tip standard tips. Recommended for longer soldering time.

Order #	Description	(1-9)	(10-up)
21-6695	½", regular tip	\$5.99	\$5.52
21-6700	¼", fine tip	5.99	5.52
21-6705	¾", heavy duty tip	5.99	5.52
21-6710	¼", micro soldering tip	5.99	5.52
21-6715	½", chisel tip	5.99	5.52
21-6720	½", beveled tip	5.99	5.52

ISO-TIP

Cordless Iron Accessories

Order #	Description	ONLY
21-4528	Replacement battery for #21-4524	\$19.49
21-4529	Replacement battery for #21-4525	19.49
21-4537	¼" long life tip	9.14
21-4538	¼" long life tip	9.00
21-4543	½" standard tip	5.69
21-4544	¼" standard tip	5.69
21-4545	¾" hi-efficiency tip	5.69

CHIPQUIK

No Lead SMD Removal Kit

•Safely removes SMDs using low heat •Heat can be applied with a soldering iron, warm air preheater, or heat gun •The SMD is easily removed with tweezers or a pick-up tool •Works equally well on lead and lead-free PCBs •RoHS compliant
Kit includes: Lead-free removal alloy, syringe with no clean flux, and six alcohol pads. Product contents will remove 8~10 SMDs



Order #	ONLY
21-8530	\$15.99

CHIPQUIK

No Clean Paste Flux

•10cc syringe with plunger and nozzle •Same flux used in the SMD removal kit (#21-3450) •Easy to dispense •Great for soldering/desoldering



Order #	(ea.)	(2-up)
21-3453	\$15.99	\$15.45

CHIPQUIK Lead Free No Clean Paste Flux

•5cc syringe with handle and tip •Same flux used in the lead-free SMD removal kit (#21-8530) •Used for lead-free rework applications •Easy to dispense •RoHS compliant

Order #	ONLY
21-8535	\$12.99



CHIPQUIK

SMD 2000 Solder/Desolder Rework Kit

Kit includes: •Chip Quik® Removal alloy (4.5' length) •Solder paste (no clean 63/37, 1cc syringe) •Solder 3', 63/37, 2% silver, .031" •Chip Quik® no clean flux in 10cc syringe for solder/desolder •Liquid flux remover/cleaner (5cc container w/applicator) •Probe kit (four stainless steel dental picks for SMD removal and placement) •No clean solder wick (5') •Handi-Vac (SMD pick and place tool w/tips) •Two acid brushes •Precision tweezers for SMD removal and placement •Six low lint 4" x 4" cleaning wipes •Ten double ended cotton swabs •Six alcohol pads •Durable plastic case

Order #	(kit)	(2 kits-up)
21-3454	\$133.00	\$125.00

CHIPQUIK No Lead Removal Alloy

Due to the increasing global demand to eliminate all lead from the industry, Chip Quik® no lead removal alloy is now available. This revolutionary product has been successfully tested for rework on PC boards manufactured with lead and no-lead solders. The no lead removal alloy meets the challenge of lead-free alloys now used on circuit boards.

Order #	Description	ONLY
21-7505	16' alloy in 6.5" lengths-No lead	\$119.00
21-7506	32' alloy in 6.5" lengths-No lead	199.00

CHIPQUIK

CHIPQUIK

SMD Removal Kit

Safely removes SMDs using low heat. Fast and easy to use. Heat can be applied with a soldering iron, warm air preheater, or heat gun. The SMD is easily removed with tweezers or a pick-up tool.
Kit includes: Low temperature desoldering alloy (136°F), syringe with no clean flux, and six alcohol pads. Product contents will remove 8-10 SMDs.



Order #	ONLY
21-3450	\$15.99



CHIPQUIK Removal Alloy

Replacement alloy for removing SMDs. The same alloy that is included with the Chip Quik Removal Kit.

Order #	Description	ONLY
21-3451	16' alloy in 6.5" lengths	\$130.00
21-3452	32' alloy in 6.5" lengths	179.00

Tip Cleaners



Weller™ WDC Soldering Tip Dry Cleaning System

- Extends tip life through gentle cleaning when using regular or lead free solder
- Will not thermally shock tip
- Prolongs the wettability of the tip when using water soluble flux
- Collection box with soft edge for tapping off excess solder
- A special metal wool is used for removing oxidation layers on the tip
- Tip stays lightly tinned through cleaning process
- Replacement wools available
- ESD safe
- RoHS/WEEE compliant

Order #	Description	ONLY
96-2235	WDC dry cleaning system	\$19.99
96-2237	2 pk replacement wools	7.40



HAKKO 599B Tip Cleaner

- Cleans better than conventional sponges
- No water required
- Cleans tips quickly without reducing tip temperature
- Unit also doubles as the replacement cartridge for 633 iron holder (#94-865)

Order #	Description	ONLY
94-782	Base w/wool	\$9.99
94-547	Replacement wool	6.49



Tip Cleaner

- Cleans tip quickly without reducing tip temperature
- Cleans better than conventional sponges
- May also be used as portable soldering pencil holder
- Non-skid base

Order #	ONLY
21-4355	\$10.49

Helping Hands



Dual Helping Hand with Sponge

- Enables user to keep both hands free for positioning, soldering, and assembly
- Great for holding PC boards
- Holds small parts in place while soldering
- Adjusts to any position or angle

Order #	ONLY
22-6475	\$14.99



DURATOOL Third-Hand Tool with Magnifier

- Adjustable arms with clips for holding small pieces allowing your hands to be free for precision work
- Adjustable joints for movement and placement in all directions
- Heavy cast-iron base for stability
- Distortion free magnifying glass for closer inspection

Order #	MSRP	ONLY
22-9730	\$14.99	\$4.99



TENMA™ Vacuum Desoldering Tools

Provides safe, low cost means of desoldering connections, PC boards and components. Large capacity spring-loaded plunger quickly removes solder in a single action. Tools easily disassemble for fast cleaning, tip and "O" ring replacement. Internal plunger pin automatically purges solder from tip with each use. Available in standard and ESD versions, replacement Teflon tips and "O" rings available separately. •Dimensions: •Overall length: 13 1/2" •Cylinder length: 6 1/2" •Cylinder diameter: 1"

Order #	Description	MSRP	(1-9)	(10-up)
21-8220	Desoldering pump, standard version	\$17.95	\$11.49	\$9.69
21-8221	Replacement standard tip	-	1.04	0.93
21-8225	Desoldering pump, ESD version	19.95	13.99	11.99
21-8226	Replacement ESD tip	-	1.29	1.19
21-8227	Replacement "O" ring (set of two)	-	0.30	0.26



TENMA™ Desoldering Bulb

- Removes solder quickly and easily with vacuum action
- 3 oz. rubber bulb
- Long lasting teflon tip

Order #	(1-9)	(10-24)	(25-49)
21-300	\$4.99	\$3.99	\$3.39



EDSYN™ Deluxe Soldapull® Desoldering Tools

DS017:
•Designed for heavy-duty,

high volume applications •High-efficiency, durable construction •Retractable shaft for storage and portability
DS017LS: •Same great features as the DS017 with the addition of being constructed out of conductive material making it ESD safe

Fig.	Order #	Mfr. #	Description	ONLY
A	21-4699	DS017	Deluxe Soldapull®	\$24.99
B	21-4698	DS017LS	ESD Deluxe Soldapull®	27.99



Soldapull III Solder Remover®

- Removes solder from soldered junctions
- Just heat solder, release inner prod and solder enters the tube

Order #	Mfr. #	Description	ONLY
21-210	PT109	Soldapull III®	\$19.99
21-4701	PT409	ESD Soldapull III®	23.99

EDSYN™ Replacement Parts for Soldapull® Desoldering Tools

Order #	Mfr.#	Description	ONLY
21-215	SRT-12	Replacement tip for PT109 & DS017	\$3.99
21-4703	LS197	Replacement tip for DS017LS & PT409	7.41
21-4704	LS363	Replacement tip for SS350	6.45
21-4705	ODS31	Replacement O-ring for DS017 & DS017LS	1.06



TENMA™ Heavy-Duty ESD Desoldering Tool

All metal construction is ideal for heavy use including production re-work and repair. Provides safe, low cost means of desoldering connections, PC boards and components. Large capacity spring-loaded plunger quickly removes solder in a single action. Tool easily disassembles for fast cleaning, tip and "O" ring replacement. Internal plunger pin automatically purges solder from tip with each use. Replacement Teflon tips available separately.

Order #	Description	MSRP	(1-9)	(10-up)
21-8235	Desoldering pump	\$9.95	\$6.39	\$5.59
21-8236	Replacement ESD tip	-	1.29	1.19



Allows single-handed desoldering of connections, PC boards and components. Spring-loaded plunger and 30W heating element removes most board level components quickly and safely. Easily disassemble for fast cleaning, tip and "O" ring replacement. Internal plunger pin automatically purges solder from tip with each use. Attached silicon cord is heat and solvent resistant.

Order #	Description	MSRP	(1-9)	(10-up)
21-8240	Desoldering pump	\$29.95	\$17.99	\$15.29
21-8241	Replacement tip	-	1.49	1.29
21-8242	Replacement "O" ring (set of two)	-	0.30	0.26



High Vacuum Desoldering Pumps

These specially designed desoldering pumps provide precise repeatable operation and are fitted with a teflon tip. **Features:** •Durable corrosion resistant plastic construction •Precision metal plunger •Corrosion treated springs •Insulated vacuum pulse •Regulated return •Uniform reset pressure •Cushioned shock reduction •Replacement tips available

Order #	Mfr. #	Description	ONLY
21-8412	DP-100	High vacuum desoldering pump	\$15.99
21-8418	DPT-100	Replacement tip for DP-100 and DP140	3.49



Sterling™ Static-Free Desoldering Tools

Will not create or carry a static charge to the component being worked on, because the tips are made from conductive carbon fiber. The difference between the two tools is the grip size. The large grip is 1.03" in diameter and the small grip is .87" in diameter. Both tools offer nylon glass barrels and are 8.75" in length.

Fig.	Order #	Description	ONLY
A	21-4530	Large grip	\$13.99
B	21-4532	Small grip	13.99
-	21-4534	Replacement tip for #21-4530	5.69
-	21-4535	Replacement tip for #21-4532	5.69



ok™ Desoldering Pump

Features: •Precision regulated return •Replaceable tip •Compact, anti-corrosive plastic housing •Precision metal plunger •Sealed vacuum chamber •Easy cleaning

Order #	Mfr. #	Description	ONLY
21-8414	DP-140	Desoldering pump	\$11.99
21-8418	DPT-100	Replacement tip	3.49

SH SODER-WICK® BRAND Rosin SD

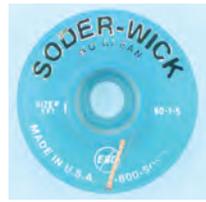
This safe, fast rosin flux desoldering braid is designed for general purpose solder removal from PC boards. ESD-safe static dissipative bobbin minimizes the risk of damage associated with static electricity. Non corrosive formula is designed for Type R rosin flux. Will not leave ionic contamination on the board. Meets Mil-14256, Mil-B-81705C, Mil-Std-2000A specs, Decay Rate Provision of Mil-B-81705C and Mil-Std-2000A and NASA SP-5002, NPC-200-4 and NHB 5300.4 Reliability and Quality Assurance Publications. Available in 5' and 10' rolls.



Order #	Width	Length	(1-11)	(12-24)	(25-up)
20-2790	.030"	5'	\$3.39	\$3.19	\$3.03
20-2791	.060"	5'	3.49	3.28	3.12
20-2792	.080"	5'	3.69	3.47	3.30
20-2793	.110"	5'	3.99	3.75	3.56
20-2795	.030"	10'	5.89	5.54	5.26
20-2796	.060"	10'	5.99	5.63	5.35
20-2797	.080"	10'	6.49	6.10	5.80
20-2798	.110"	10'	6.99	6.57	6.24

SH SODER-WICK® BRAND No Clean SD

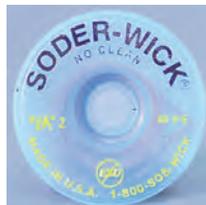
This safe, fast no-clean flux desoldering braid is designed for one-step cleaning. Specially designed flux requires no cleaning after solder removal, speeding up the re-work process. Additionally, it provides consistent flux type when used as part of a no-clean board re-work and assembly process. ESD-safe static dissipative bobbin minimizes the risk of damage associated with static electricity. This is the only braid that meets Mil-Std 883B. Also meets Mil-14256, Mil-B-81705C, Mil-Std-2000A specs, Decay Rate Provision of Mil-B-81705C and Mil-Std-2000A and NASA SP-5002, NPC-200-4 and NHB 5300.4 Reliability and Quality Assurance Publications. Also meets Bellcore TR-NWT-000078 and IPC SF-818 specifications. Available in 5' and 10' rolls.



Order #	Width	Length	(1-11)	(12-24)	(25-up)
20-2800	.030"	5'	\$3.69	\$3.47	\$3.30
21-2170	.060"	5'	3.69	3.47	3.30
21-2175	.080"	5'	3.89	3.66	3.47
21-2180	.110"	5'	4.39	4.13	3.92
20-2805	.030"	10'	6.59	6.19	5.88
20-2806	.060"	10'	6.69	6.29	5.97
20-2807	.080"	10'	6.99	6.66	6.33
20-2809	.110"	10'	7.89	7.42	7.05

SH SODER-WICK® BRAND No Clean Desoldering Braid

- Superior high-quality desoldering braid with unique no clean flux that doesn't leave a residue
- Pure oxygen-free copper wires combine with special cleaning process for faster heat transfer
- Static dissipative blue bobbin



Order #	Description(Label)	(1-4)	(5-9)	(10-up)
21-2170	.060" x 5' (Yellow)	\$3.69	\$3.47	\$3.30
21-2175	.080" x 5' (Green)	3.89	3.66	3.47
21-2180	.110" x 5' (Blue)	4.39	4.13	3.92

TENMA Rosin Flux Desoldering Braid

Tenma desoldering braid is manufactured in the USA, to stringent control standards ensuring maximum quality and uniform performance. The copper braid utilizes only the best fine gauge oxygen-free strands, which are fully coated with specially formulated Type R rosin flux. The flux greatly enhances wick action ensuring fast reliable solder removal. Additionally, it cleans the connection, ensuring ease of re-soldering, while providing a protective coating to the wick to prevent oxidation, prolonging shelf life of the wick. Packaged in a variety of lengths and widths, a size is available to suit virtually any need.



Order #	Width	(1-9)	(10-24)	(25-up)
5' Length				
21-8350	0.035"	\$1.49	\$1.39	\$1.23
21-8351	0.05"	1.49	1.39	1.23
21-8352	0.075"	1.55	1.43	1.29
21-8353	0.1"	1.59	1.49	1.33
21-8354	0.125"	1.99	1.84	1.64
10' Length				
21-8355	0.035"	2.49	2.32	2.05
21-8356	0.05"	2.49	2.32	2.05
21-8357	0.075"	2.49	2.32	2.05
21-8358	0.1"	2.69	2.52	2.21
21-8359	0.125"	3.29	3.08	2.73
25' Length				
21-8360	0.035"	6.69	6.27	5.51
21-8361	0.05"	6.69	6.27	5.51
21-8362	0.075"	7.19	6.79	5.99
21-8363	0.1"	7.89	7.09	6.29
21-8364	0.125"	8.49	7.69	6.79

SH SODER-WICK® BRAND Soder-Wick® Rosin

This safe, fast rosin flux desoldering braid is designed for general purpose solder removal from PC boards. Non corrosive formula is designed for Type R rosin flux. Will not leave ionic contamination on the board. Meets Mil-14256, Mil-B-81705C, Mil-Std-2000A specs and NASA SP-5002, NPC-200-4 and NHB 5300.4 Reliability and Quality Assurance Publications. Available in 25' rolls.



Order #	Width	Length	(1-11)	(12-24)	(25-up)
20-2785	.030"	25'	\$12.99	\$12.47	\$11.97
20-2786	.060"	25'	13.49	12.95	12.43
20-2787	.080"	25'	13.99	13.43	12.89
20-2788	.110"	25'	15.49	14.87	14.28

TECHSPRAY Anti-Static Desoldering Braid

Today's rework applications demand precision desoldering. Tech Spray's Pro Wick® is produced with an advanced braid design and stringent quality control procedures. This high quality wick is now available in an anti-static bobbin. Each roll is individually vacuum packed to protect it from moisture and prolong shelf life.



Order #	Width	Length (Label)	(1-9)	(10-24)	(25-up)
ProWick® Anti-Static Bobbin					
21-7175	.055"	5' (Yellow)	\$2.89	\$2.75	\$2.61
21-7180	.055"	10' (Yellow)	5.29	5.03	4.77
21-7185	.075"	5' (Green)	2.99	2.84	2.70
21-7190	.075"	10' (Green)	5.49	5.22	4.95

ITW Chemtronics Chem-Wik® Lite

• Desoldering wick • Finely woven copper braid treated with a pure nonactivated rosin flux



Order #	Description (Label)	(1-4)	(5-9)	(10-up)
21-1005	.05" x 5' (Yellow)	\$2.99	\$2.69	\$2.31
21-1010	.05" x 100' (Yellow)	51.99	49.39	46.92
21-310	.075" x 5.5' (Green)	2.89	2.79	2.42
21-315	.075" x 100' (Green)	49.99	49.07	46.13
21-320	.1" x 5.5' (Blue)	2.99	2.89	2.56
21-325	.1" x 100' (Blue)	29.99	27.21	25.85

TECHSPRAY No Clean Desoldering Braid

Today's rework applications demand precision desoldering and high performance braid is essential. The newly designed No-Clean Wick is designed to meet these demands. The minimal residue left after desoldering is inert and nonconductive, therefore board rinsing is unnecessary. Each roll is individually vacuum packed to protect it from moisture and prolong shelf life.



Order #	Width	Length (Label)	(1-9)	(10-24)	(25-up)
21-3760	.055"	5' (Yellow)	\$3.69	\$3.51	\$3.33
21-3761	.055"	10' (Yellow)	6.29	5.98	5.68
21-3762	.055"	25' (Yellow)	12.99	11.29	10.02
21-3765	.075"	5' (Green)	3.89	3.70	3.51
21-3766	.075"	10' (Green)	6.49	6.17	5.86
21-3767	.075"	25' (Green)	12.49	11.45	10.05
21-3770	.098"	5' (Blue)	4.19	3.98	3.78
21-3771	.098"	10' (Blue)	6.99	6.64	6.31
21-3772	.098"	25' (Blue)	14.99	14.29	13.99
21-3777	.130"	25' (Brown)	15.99	-	-

TECHSPRAY Pro Wick® Desoldering Braid

Pro Wick® is based on pure rosin (Type R Flux) and meets all of the most stringent soldering standards for worldwide applications: MIL-F-142560D Type R, NASA specification NHB5300.4, NPC200-4, and SP-5002. The advanced braid design has a strong capillary action that works instantly to pull in excess solder. Each roll is individually vacuum-packed to protect it from moisture and prolong shelf life.



Order #	Width	Length (Label)	(1-9)	(10-24)	(25-up)
21-4767	.055"	5' (Yellow)	\$2.39	\$1.99	\$1.86
21-4768	.055"	10' (Yellow)	5.29	5.03	4.77
21-4769	.055"	25' (Yellow)	11.69	11.11	10.55
21-4770	.075"	5' (Green)	3.09	2.94	2.79
21-4771	.075"	10' (Green)	5.49	5.22	4.95
21-4772	.075"	25' (Green)	11.99	11.39	10.82
21-4773	.098"	5' (Blue)	3.39	3.22	3.06
21-4774	.098"	10' (Blue)	5.99	5.69	5.41
21-4775	.098"	25' (Blue)	12.99	12.34	11.72
21-4776	.130"	5' (Brown)	3.89	3.70	3.51
21-4778	.130"	25' (Brown)	13.99	13.19	12.99

Tip Cleaners/Tinners



CAIG
LABORATORIES, INC.
Tip Cleaner/Tinner

•Keeps tips clean and longer lasting •Protects tips from oxidizing •Lead free •0.5 oz. •Mfr. #TPC-14

Order #	(1-5)	(6-11)	(12-up)
200-390	\$7.99	\$7.18	\$6.93



PLATO
Tip-Tin Tinner/Cleaner

This lead free tip tinner is a fast, efficient, and safe means of re-tinning tips. This thermally-stable

compound is residue-free, ESD and environmentally safe. Provides improved cleaning and re-tinning of highly oxidized soldering iron tips safely and efficiently. 20g tin.

Order #	Mfr. #	(1-9)	(10-up)
21-7926	TT-95	\$6.99	\$6.64



Multicare
Lead Free Solder Tip Cleaner

•The finest tip cleaner available

•Helps restore solder tips by removing old flux and solder •.5 oz. can with two-sided tape allows placement on or near soldering station

Order #	(1-9)	(10-up)
21-1075	\$6.79	\$6.29



Soldering Paste

Designed for plumbing applications, sheet metal, chassis, buss bars, copper tubing, etc. Not intended for PC boards. Excellent for use as a tip cleaner. Net wt. 65 grams.

Order #	(1-5)	(6-11)	(12-23)	(24-up)
20-890	\$8.12	\$7.29	\$6.58	\$6.06



SOLDER-IT
Silver Bearing Solder Paste

•The no mess, no waste syringe works with the heat of a torch or lighter •Flux is blended in and no additional flux is required •Silver bearing works great for electronics, wiring, connectors, and circuit boards •Repairs copper, brass, bronze, nickel, platinum, chrome, monel, and steel •Low melting point-flows smoothly at 430°F, re-melts at 650°F •Tensile strength up to 28,000psi •Five times stronger than conventional solders •7.1 gram syringe

Order #	ONLY
21-8720	\$5.49



Solder Flux

•A flux for all metals, as effective as acid or chloride types but non-corrosive •Solders even hard-to-solder metals such as aluminum, zinc-bases alloys, steel, etc. •Ideal for soldering bus and ground wires to aluminum and steel chassis, to hermetically seal lids to metal cases, for pot-tinning of copper and brass parts •Not recommended for electronic wiring including printed circuits •12 bottles per case •2 oz. bottle

Order #	(1-5)	(6-11)	(12-23)	(24-up)
20-3910	\$8.49	\$8.13	\$7.63	\$7.05



Rosin Flux Solder Paste

•Permits soldering of even difficult metals such as brass or nickel •Can be removed with cloth or solvent •Non-spill consistency

•Nonflammable •Non-corrosive •2 oz. •Mfr. #RSF-R80-2

Order #	(1-5)	(6-11)	(12-up)
200-385	\$8.99	\$7.35	\$7.25

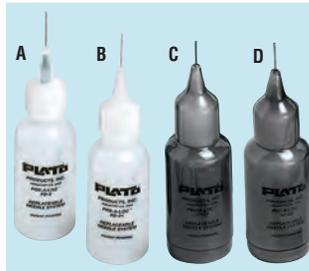


circuit works
Lead-Free Flux

The quart-sized container offers a convenient package size for small OEMs and board repair shops. The Lead-Free Flux applies a non-corrosive, halide-free no clean flux. The instant wetting action of the Lead-Free Flux provides thorough deoxidation of metal surfaces, leaving the best

possible surface for solder to metal bonding. •Meets Bellcore Standard TR-NWT-000078 and IPC specification SF-818 for surface insulation resistance (SIR) •Can be used for soldering with lead-free or tin/lead solders •Excellent material compatibility •Fast drying •RoHS compliant •High thermal stability •32 oz. bottle •12 bottles per case •Mfr. #CW3220

Order #	(1-11)	(12-23)	(24-up)
20-4476	\$15.99	\$14.50	\$13.75



PLATO
Flux and Liquid Dispensers

These new POS-A-LOC® leak proof liquid dispensers offer a convenient way to dispense specific amounts of a variety of liquids without dripping, spilling, or waste.

Fig.	Order #	Size	Type	Capillary I.D. (ea.)	(2-up)
A	21-7904	2 oz.	Dispenser	.020"	\$3.99 \$3.79
B	21-7906	2 oz.	Dispenser	.010"	3.99 3.79
C	21-7908	2 oz.	Dispenser, ESD safe	.010"	8.99 8.54
D	21-7910	2 oz.	Dispenser, ESD safe	.020"	8.99 8.54



Liquid Solder-Flux

Noncorrosive liquid solder flux is ideal for electronic and communication work. Brush onto connection before soldering to aid solder flow. 2 oz. bottle with brush.

Order #	(1-5)	(6-11)	(12-23)
20-1100	\$14.99	\$14.24	\$13.53



circuit works
Flux Dispensing Pen

•Chisel tip marker provides exact delivery of flux to surface •Both pens are 9 grams (0.32 oz.)

Order #	Mfr. #	Description	(1-4)	(5-up)
20-3195	CW8100	No-Clean flux dispensing pen	\$6.99	\$6.69
20-3200	CW8200	Rosin flux dispensing pen	7.49	7.10



circuit works
Flux Remover Pen

•For precise removal of flux from printed circuit boards •Marker dispenser provides controlled and exact application •Dries fast

Order #	Mfr. #	(1-4)	(5-up)
20-3205	CW9100	\$10.49	\$10.29



circuit works
Overcoat Pen

•Protects conductive pen (#21-1555) traces •Repairs permanent solder mask •Insulates against shorting and arcing •Protects against abrasion and moisture •Helps prevent static discharge problems on sensitive circuits •Matches the color of solder mask for nearly invisible repairs •Available in green or clear •0.16 oz.

Order #	Mfr. #	(1-4)	(5-up)
21-1580	CW3300G (Green)	\$16.99	\$16.25
21-1581	CW3300C (Clear)	16.99	16.25



Flux Pen #186

•Flux pen allows an easy and controlled application of mildly active flux •Chisel point allows work in tight spaces •Eliminates mess from flux bottles •Good heat stability minimizes white residue problems •% oz.

Order #	(1-4)	(5-up)
21-2265	\$4.99	\$4.49



Flux Pen #951

•Ideal for probe testing •Low solid, halide free "no-clean" flux without the mess bottle flux leaves •Chisel point allows work in tight spaces •Eliminates interfering residues •% oz.

Order #	(1-4)	(5-up)
21-2260	\$4.99	\$4.49



UNGAR
Flux Dispenser

•Self standing, no spill, polyethylene squeeze bottle dispenses one drop of liquid flux, oil or solvent through stainless steel hypodermic needle •Bottle holds 2 oz. of liquid •Three needle sizes included: .010", .020" and .054"

Order #	ONLY
22-1075	\$3.49

TENMA Tube Solder

•Tube type dispenser makes holding solder easier
•7' of high quality .040" diameter solder •60/40 •370°F melting point



Order #	(1-9)	(10-24)	(25-49)
21-1050	\$2.05	\$1.66	\$1.54

TENMA 60/40 Bar Solder

Tenma bar solder is a general purpose solder with a 60/40 alloy content. The bar solder is supplied in the form of a 1 lb. bar. Great for tinning or solder pot applications.



Order #	ONLY
72-6309	\$15.99

GC Eutectic Solder

•For surface mount components
•Low-melt solder is the best blend of tin/lead for melting at the lowest possible temperature
•361°F melting point •63/37
•Organic rosin core •.032" diameter •½ lb., 200'



Order #	(1-9)	(10-24)	(25-49)
21-1185	\$24.99	\$22.88	\$21.91



KESTER Pocket Solder Tubes

•Convenient sized solders packaged in a portable tube for repairs anywhere •Solder is fed freely from the easy to handle tube

Order #	Description	Width	Size	Alloy	ONLY
21-9240	Pocket Pak	0.031"	.5 oz	Sn60/Pb40	\$2.89
21-9245	Pocket Pak	0.050"	.35 oz	Sn62/Pb36/Ag02	2.99
21-9250	Kwik Draw	0.050"	1.3 oz	Sn60/Pb40	3.19

Looking For A Special Product?

Call our Quotes Team
1-800-543-4330

email: quotes@mcmelectronics.com

Multicore Crystal™ 400 Lead Free Solder Wire

•Crystal™ 400 is halide-free •A no clean formulation giving crystal clear flux residues and minimal fume •422°F ~ 217°C melting point
•RoHS compliant •1 lb. spools

Order #	Mfr. #	Formula	Alloy Tin/Silver/Copper	(dia.)	Gauge	(1-4)	(5-up)
21-8265	MM01877	400	Sn96.5/Ag3.0/Cu.5	0.81mm	20	\$52.99	\$50.49
21-8270	MM01880	400	Sn96.5/Ag3.0/Cu.5	1.63mm	14	61.99	57.35

TENMA Solder

Ideal for general purpose electronic repair and assembly use. Tin/lead formulation provides the lowest possible melting point. •Rosin flux core •Diameter: 1mm (0.04")
•Melting point: 188°C (370°F)
•60.0% tin, 40.0% lead
•Available in 1 lb. and 6 oz. spools



Order #	Size	(1-9)	(10-24)	(25-up)
21-1040	1 lb.	\$12.99	\$11.95	\$10.50
21-1045	6 oz.	6.49	5.99	5.29

TENMA Lead-Free Solder

Ideal for general purpose electronic repair and assembly use. Tin/copper formulation meets current requirements for lead free solder use. •Rosin flux core •Diameter: 1mm (0.04")
•Melting point: 227°C (441°F)
•99.3% tin, 0.7% copper
•Available in 1 lb. and 6 oz. spools



Order #	Size	(1-9)	(10-24)	(25-up)
21-1041	1 lb.	\$21.99	\$20.49	\$19.95
21-1046	6 oz.	10.99	10.25	9.95

TENMA Lead-Free Silver Solder

Ideal for general purpose electronic repair and assembly use. Silver formulation provides improved conductivity performance, lower melting point will continue to meet requirements for lead free solder use. •Rosin flux core •Diameter: 1mm (0.04")
•Melting point: 217°C (423°F)
•96.5% tin, 3.0% silver, 0.5% copper
•Available in 1 lb. and 6 oz. spools



Order #	Size	(1-9)	(10-24)	(25-up)
21-1042	1 lb.	\$34.99	\$32.50	\$30.95
21-1047	6 oz.	17.49	16.29	15.49

Solder Reel Stand

•Keep your bench neat •Draw out solder wire smoothly
•Maximum of 1 kg (2.2 lbs.) rolled solder wire can be used
•Dimensions: 86mm (W) x 14mm (H) x 78mm (D)
•Shaft diameter: 15mm



Order #	ONLY
21-6800	\$12.99



"44" Rosin Core Solder



•The famous Kester "44" rosin core solders contain a high active noncorrosive flux with excellent wetting action, and are specifically designed for electrical/electronic applications

Order #	Alloy Tin/Lead	Spool Size (dia)	Gauge	(1-4)	(5-up)
21-1845	63/37	1 lb. .031"	21	\$24.99	\$23.74
21-1840	60/40	1 lb. .031"	21	19.99	19.30
21-1830	60/40	1 lb. .040"	19	22.99	20.75
21-1832	63/37	1 lb. 0.40"	19	25.99	22.35
21-1835	60/40	5 lb. .040"	19	139.00	127.00
21-3195	60/40	1 lb. .025"	23	24.99	23.95
21-3196	63/37	1 lb. .025"	23	24.99	23.25

"245" Low Residue Core Solder

•Provides both the soldering performance of an activated rosin flux and the visual clean appearance of a low residue flux •Designed for electronic assembly •Meets Bellcore specification TR-TSY-000078 and IPC-SF-818 (Type LR3CN) requirements for core wire products •Ideal for touch up and assembly •Residues designed to be left on with NO post soldering cleaning

Order #	Tin/Lead	Size (dia)	Gauge	ONLY
21-3200	63/37	1 lb. .020	25	\$34.99
21-3205	63/37	1 lb. .031	21	25.99

"285" Rosin Core Solder

•High-mobility and fast spreading action make soldering faster than ever before •Designed for electrical and electronic work •Completely noncorrosive and nonconductive flux residue •Ideal for applications where cleaning is not performed after soldering
•1 lb. •.031" diameter

Order #	Alloy Tin/Lead	Spool Size (dia.)	Gauge	(1-4)	(5-up)
21-2270	63/37	1 lb. .031	21	\$24.99	\$23.25
21-2272	63/37	1 lb. .025	23	42.99	40.95

"331" Organic Flux Core Solder

•Extremely active •More effective than rosin fluxes when soldering difficult metals such as copper, nickel and brass
•High heat stability allows for minimal smoke and odor
•Water soluble •1 lb. •.031" diameter

Order #	Alloy Tin/Lead	Spool Size (dia.)	Gauge	(1-4)	(5-up)
21-2275	63/37	1 lb. .031	21	\$22.99	\$21.84
21-2276	63/37	1 lb. .020	25	30.99	28.45

Multicore Crystal™ 400 and 502 Solder Wire

•Crystal™ 400 offers halide-free and 502 is the RMA version with 0.2% of halide •Both offer a no-clean formulation giving crystal clear flux residues and minimal fume



Order #	Alloy Formula	Tin/Lead	(dia.)	(1-4)	(5-up)
21-4719	400	63/37	.032"	\$17.99	\$17.25
21-4721	502	63/37	.032"	17.99	17.25

Solder

•Solders faster •Wets more completely •One of the best solders on the market today •60/40 •370° melting point
•Five separate cores of flux provide rapid melting for perfect solder joints every time

Order #	Spool Size	(dia)	Length	(1-9)	(10-24)
21-1106	½ lb.	.015"	-	\$14.99	\$13.78
21-2280	1 lb.	.028"	350'	19.99	19.19
21-340	1 lb.	.05"	180'	29.99	28.95



PLATO® Tip Polishing Bar

•Cleans and restores new life to used tips •Restores de-tinned tips for additional service by grinding off baked-on oxidation •Save money on soldering tips by extending their lives •Mfr. #AB-3

Order#	(1-9)	(10-up)
21-8688	\$12.99	\$12.34



PLATO® Lead Free Replacement Tips

Plato tips are top-quality, drop-in replacements for a variety of brand-name soldering and desoldering equipment, making them the only brand you need. •Designed for long-life for any soldering applications, including lead-free work •Fast heat recovery •Pre-tinned with lead free solder •RoHS compliant

Cross Reference

Order #	Plato #	Mfr. #	(1-9)	(10-up)	Order #	Plato #	Mfr. #	(1-9)	(10-up)	Order #	Plato #	Mfr. #	(1-9)	(10-up)	Order #	Plato #	Mfr. #	(1-9)	(10-up)					
Antex					Hexacon					Pace					Weller									
21-9105	A-417	8-I	\$8.99	\$8.54	21-9017	CH-4314	J954X	\$8.99	\$8.54	21-9149	22-4927	1121-0132	\$5.99	\$5.69	21-9031	C-5143-7	PTBB	\$3.99	\$3.79	21-9031	C-5143-7	PTBB	\$3.99	\$3.79
Edsyn					Hexacon/American Beauty					Weller					Weller									
21-9006	E-4781	LT383	5.99	5.69	21-9109	66-349	HT470	14.99	14.24	21-8905	TM-13	DS113	10.99	10.44	21-9049	C-462-9	PTP	3.99	3.79	21-9050	C-462-9	PTP	3.99	3.79
21-9008	E-4709	LT374	5.99	5.69	21-9110	55-118	HT547	12.99	12.34	21-8907	TM-10	DS110	9.99	8.08	21-9051	C-462-7	PTP	3.99	3.79	21-9051	C-462-7	PTP	3.99	3.79
21-9009	E-2622	LT376	5.99	5.69	21-9111	46-912	426-189	12.99	12.34	21-8910	RX-401	EPH110	5.79	4.62	21-9053	C-4309-9	PTT	3.99	3.79	21-9053	C-4309-9	PTT	3.99	3.79
21-9010	E-2621	LT375	7.39	5.96	21-9112	46-626	426-161	12.99	12.34	21-8911	MS-5160	LT4W	3.99	3.79	21-9054	C-4309-8	PTT	3.99	3.79	21-9054	C-4309-8	PTT	3.99	3.79
Ersa					OK Industries					Weller					Weller									
21-8993	ER-4007	212BD	8.99	8.54	21-8900	TX-440	SAT-3X10	8.99	8.54	21-8912	MS-4130	LTS	3.99	3.79	21-9055	C-4309-7	PTT	3.99	3.79	21-9055	C-4309-7	PTT	3.99	3.79
21-8994	ER-4005	832UD	8.99	8.54	21-8901	TX-406	SAT-3X20	8.99	8.54	21-8913	MS-4120	LT1	3.99	3.79	21-9059	C-4223-7	PTO	3.99	3.79	21-9059	C-4223-7	PTO	3.99	3.79
21-8997	ER-4001	212SD	8.99	8.54	21-8902	TX-338	SAT-3X70	8.99	8.54	21-8914	MS-4110	LT1L	3.99	3.79	21-9061	C-3865-9	PTJ	3.99	3.79	21-9061	C-3865-9	PTJ	3.99	3.79
21-8998	ER-3998	832CD	8.99	8.54	21-9113	44-706	420-201	8.99	8.54	21-8915	MS-4101	LT1LX	3.99	3.79	21-9062	C-3865-8	PTJ	3.99	3.79	21-9062	C-3865-8	PTJ	3.99	3.79
21-9000	ER-3511	832VD	9.99	9.49	21-9114	44-390	721	8.99	8.54	21-8916	MS-4100	LT1S	3.99	3.79	21-9063	C-3865-7	PTJ	3.99	3.79	21-9063	C-3865-7	PTJ	3.99	3.79
21-9001	ER-3101	832ED	6.59	5.36	21-9115	44-152	704	8.99	8.54	21-8917	MS-3600	LTD	3.99	3.79	21-9065	C-3102-9	PTM	3.99	3.79	21-9065	C-3102-9	PTM	3.99	3.79
21-9002	ER-2678	602VD	11.99	11.39	21-9116	43-754	413-102	8.99	8.54	21-8918	MS-3450	LTM	3.99	3.79	21-9066	C-3102-8	PTM	3.99	3.79	21-9066	C-3102-8	PTM	3.99	3.79
21-9003	ER-2676	602ED	6.99	6.64	21-9117	42-628	442-153	8.99	8.54	21-8919	MS-3400	LTC	3.99	3.79	21-9067	C-3102-7	PTM	3.99	3.79	21-9067	C-3102-7	PTM	3.99	3.79
21-9004	ER-2675	602CD	6.99	6.64	21-9118	42-355	716	8.99	8.54	21-8920	MS-3300	LTB	3.99	3.79	21-9069	C-3100-9	PTH	3.99	3.79	21-9069	C-3100-9	PTH	3.99	3.79
Hakko					Pace					Weller					Weller									
21-8930	HS-8175	900M-T-S4	5.99	5.69	21-9119	33-8143	1121-0363	5.99	5.69	21-8921	MS-3250	LTL	3.99	3.79	21-9070	C-3100-8	PTH	3.99	3.79	21-9070	C-3100-8	PTH	3.99	3.79
21-8931	HS-8157	900M-T-S5	5.99	5.69	21-9120	33-8142	1121-0336	5.99	5.69	21-8922	MS-3200	LTA	3.99	3.79	21-9071	C-3100-7	PTH	3.99	3.79	21-9071	C-3100-7	PTH	3.99	3.79
21-8932	HS-6092	900M-T-2LD	6.79	5.49	21-9121	33-8141	1121-0357	5.99	5.69	21-8923	MS-3150	LTK	3.99	3.79	21-9073	C-3044-9	PTL	3.99	3.79	21-9073	C-3044-9	PTL	3.99	3.79
21-8933	HS-6030	900M-T-1.2LD	6.79	5.49	21-9122	33-7107	1121-0531	5.99	5.69	21-8924	MS-3125	LT4X	3.99	3.79	21-9074	C-3044-8	PTL	3.99	3.79	21-9074	C-3044-8	PTL	3.99	3.79
21-8935	HS-5883	N452-T-3C	6.99	6.64	21-9123	33-7106	1121-0531	5.99	5.69	21-8925	MS-3110	LTH	3.99	3.79	21-9075	C-3044-7	PTL	3.99	3.79	21-9075	C-3044-7	PTL	3.99	3.79
21-8936	HS-5876	900L-T-5C	8.99	8.54	21-9124	33-7103	1121-0532	5.99	5.69	21-8926	MS-3101	LTHX	3.99	3.79	21-9077	C-3043-9	PTK	3.99	3.79	21-9077	C-3043-9	PTK	3.99	3.79
21-8937	HS-5875	900M-T-4C	6.36	5.13	21-9125	33-7103	1121-0533	5.99	5.69	21-8927	MS-0100	LTGW	10.99	10.44	21-9078	C-3043-8	PTK	3.99	3.79	21-9078	C-3043-8	PTK	3.99	3.79
21-8938	HS-5864	900M-T-3CF	5.99	5.69	21-9126	33-7103	1121-0533	5.99	5.69	21-8928	EW-517	ETCC	3.99	3.79	21-9079	C-3043-7	PTK	3.99	3.79	21-9079	C-3043-7	PTK	3.99	3.79
21-8943	HS-5703	900M-T-3C	5.99	5.69	21-9127	33-6057	1121-0360	5.99	5.69	21-8929	EW-515	ETBB	3.99	3.79	21-9081	C-3040-9	PTB	3.99	3.79	21-9081	C-3040-9	PTB	3.99	3.79
21-8944	HS-5702	900M-T-2C	6.36	5.13	21-9128	33-6056	1121-0414	5.99	5.69	21-8930	EW-513	ETAA	3.99	3.79	21-9082	C-3040-8	PTB	3.99	3.79	21-9082	C-3040-8	PTB	3.99	3.79
21-8945	HS-5701	900M-T-1C	5.99	5.69	21-9129	33-6055	1121-0335	5.99	5.69	21-8931	EW-404	ETO	3.99	3.79	21-9083	C-3040-7	PTB	3.99	3.79	21-9083	C-3040-7	PTB	3.99	3.79
21-8946	HS-4988	900M-T-0.2RB	8.64	6.66	21-9130	33-5895	1121-0490	7.99	7.59	21-8932	EW-403	ETP	3.99	3.79	21-9085	C-3039-9	PTA	3.99	3.79	21-9085	C-3039-9	PTA	3.99	3.79
21-8950	HS-4791	900M-T-0.2RB	9.99	9.49	21-9131	33-5894	1121-0406	5.99	5.69	21-8933	EW-402	ETS	3.89	3.44	21-9086	C-3039-8	PTA	3.99	3.79	21-9086	C-3039-8	PTA	3.99	3.79
21-8952	HS-4788	900L-T-B	5.99	5.69	21-9132	33-3982	1121-0526	5.99	5.69	21-8934	EW-401	ETT	3.99	3.79	21-9087	C-3039-7	PTA	4.09	3.68	21-9087	C-3039-7	PTA	4.09	3.68
21-8953	HS-4787	900M-T-I	6.99	6.64	21-9133	33-3981	1121-0516	5.99	5.69	21-8935	EW-307	ETC	3.99	3.79	21-9089	C-3036-9	PTC	3.99	3.79	21-9089	C-3036-9	PTC	3.99	3.79
21-8954	HS-4786	900M-T-LB	6.99	6.64	21-9134	33-1658	1121-0358	5.99	5.69	21-8936	EW-306	ETL	3.99	3.79	21-9090	C-3036-8	PTC	4.09	3.68	21-9090	C-3036-8	PTC	4.09	3.68
21-8955	HS-4785	900M-T-B	5.99	5.69	21-9135	33-1657	1121-0349	5.99	5.69	21-8937	EW-305	ETB	3.99	3.79	21-9091	C-3036-7	PTC	3.99	3.79	21-9091	C-3036-7	PTC	3.99	3.79
21-8956	HS-2863	900M-T-0.8 D	6.99	6.64	21-9136	33-1147	1121-0499	5.99	5.69	21-8938	EW-304	ETK	3.99	3.79	21-9093	C-1021-9	PTR	3.99	3.79	21-9093	C-1021-9	PTR	3.99	3.79
21-8957	HS-2796	900M-T-1.2 D	5.99	5.69	21-9137	33-1146	1121-0361	5.99	5.69	21-8939	EW-303	ETA	3.99	3.79	21-9094	C-1021-8	PTR	3.99	3.79	21-9094	C-1021-8	PTR	3.99	3.79
21-8958	HS-2796	900M-T-S1	5.99	5.69	21-9138	33-1144	1121-0359	5.99	5.69	21-8940	EW-302	ETJ	3.99	3.79	21-9095	C-1017-9	PTE	3.99	3.79	21-9095	C-1017-9	PTE	3.99	3.79
21-8959	HS-2755	900L-T-3.2 D	5.99	4.83	21-9139	33-0001	1360-0083	9.99	9.49	21-8941	EW-301	ETH	3.99	3.79	21-9097	C-1017-8	PTE	3.99	3.79	21-9097	C-1017-8	PTE	3.99	3.79
21-8960	HS-2753	900M-T-3.2 D	5.99	5.69	21-9142	30-0900	1121-0507	6.99	6.64	21-8942	EW-300	ETD	3.99	3.79	21-9098	C-1016-9	PTD	3.99	3.79	21-9098	C-1016-9	PTD	3.99	3.79
21-8961	HS-2752	900M-T-2.4 D	5.99	5.69	21-9143	30-0600	1121-0368	6.99	6.64	21-8943	EW-103	ETD	3.99	3.79	21-9101	C-1016-8	PTD	3.99	3.79	21-9101	C-1016-8	PTD	3.99	3.79
21-8962	HS-2751	900M-T-1.6 D	5.99	5.69	21-9144	30-0600	1121-0464	14.99	14.24	21-8944	EW-101	ETR	3.99	3.79	21-9102	C-1016-7	PTD	3.99	3.79	21-9102	C-1016-7	PTD	3.99	3.79
21-8963	HS-1666	900L-T-S1	8.49	6.86	21-9145	30-0400	1121-0342	6.99	6.64	21-8945	DX-4814	MPT-1S	8.99	8.54	21-9103	C-1016-6	PTD	3.99	3.79	21-9103	C-1016-6	PTD	3.99	3.79
21-8964	HS-1665	900M-T-S3	8.99	8.54	21-9146	30-040	1121-0463	14.99	14.24	21-8946	DX-4771	MPT-1	8.99											