

FUME EXTRACTION

BVX-100 SERIES BENCHTOP FUME EXTRACTION SYSTEM



- Single-User System with Multi-User Power For Thorough, Effective Fume Extraction
- No Installation Means Easy Set-Up and Relocation
- Small, Space-Saving Footprint
- Unique Blower Design Provides Quiet Operation



BVX-101

Mfg. Part No.	Description	Stock No.	Price Each
● BVX-101	Benchtop Fume Extractor System, Single-User, Arm/Plenum, Pre-HEPA-Gas, 100-240VAC	20C2393	509.36
● FG-BVX	Deep Bed Gas Replacement Filter	76K1581	80.54
● FM-BVX	Main Replacement Filter (Combined HEPA/Gas)	76K1582	80.54
● FP-BVX	Replacement Pre-Filters (Sold in Pkg. of 5)	76K1584	26.80

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BVX-200 FUME EXTRACTION SYSTEM



BVX-201-KIT



BVX-200 series compact, portable two-arm fume extraction system combines strong fan performance with efficient filtration and quiet, flexible operation. It is compact enough to go under a workbench, but still provide multi-user power in a truly portable system. Easily transported by one person without the strain induced by a larger unit. Features an innovative one-stage impeller design that provides more than double the total free-blowing airflow. Maximum free-blowing airflow is rated @ 250m³/h, with maximum suction force @ 850Pa. The stand-alone unit does not require a separate compressor or external ducting; it only needs to be plugged into a power source to be ready to use.

Mfg. part no. BVX-201 fume extraction system is designed mainly for solder fumes and incorporates both pre- and main filters which can be changed independently to maximize the working life of each filter and lower the total cost of ownership. The main filter has a HEPA efficiency of 99.97% at 0.3 micron, plus an activated carbon filter to remove additional gases. For applications that require a high-capacity of gas filtration, such as cleaning with solvents or conformal coatings, **mfg. part no. BVX-203** fume extraction system features a deep-bed gas filter. **Mfg. part no. BVX-201KIT** fume extraction system kit includes filter unit, pre-HEPA-gas, with two flexible arms (1.2m long). *Order replacement accessories separately below.*

Mfg. Part No.	Description	Stock No.	Price Each
● BVX-201	Two-Arm Fume Extraction Filter Unit, Pre-HEPA-Gas	97H5992	590.23
● BVX-201-KIT	Two Arm Fume Extraction System Kit, Pre-HEPA-Gas	29M6877	751.10
● BVX-203	Two-Arm Fume Extraction Filter Unit, Pre-Deep Bed Gas	01J2017	712.88

EXHAUST ARM KIT

● BVX-ARM-K1	One 28" BVX Arm with 6' Long Hose and Table Bracket with C-Clamps	01J2015	140.74
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REPLACEMENT FILTERS

● FM-BVX200	Main Filter (Combined HEPA/Gas)	01J2019	112.14
● FG-BVX200	Deep Bed Gas Filter	01J2018	207.90
● FP-BVX200	Pre-Filter (Sold in Pkg. of 5)	01J2020	61.74

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BENCHTOP FUME ABSORBERS

OK Industries
Division of Jonard Industries Corp.

- Compact, Low-Profile
- Can Be Used 6" to 8" From Work Area
- Carbon-Impregnated Filters Trap a Limited Portion of Flux Fumes



SA9-115



SA9-E-115

Aerodynamic hood design effectively draws irritating soldering fumes away from the work area. **(NOTE: Each unit includes 3 replacement filters.)**

Mfg. Part No.	Description	Stock No.	Price Each
SA9-115	Benchtop Fume Absorber, 115V	50F5445	116.72
SA9-E-115	ESD Fume Absorber, 115V	50F5446	141.83
SA-91	Fume Absorber w/Articulating Arm, 115V	95F3919	263.66
SA-91E	ESD Fume Absorber w/Articulating Arm, 115V	95F3920	292.95
● SAF1	3-Piece Replacement Filter Set	96F7990	24.45

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WFE2P SOLDER FUME EXTRACTOR

- Efficient four-stage, replaceable filter system
- Silent-running, maintenance-free pump
- For use with **FE series** soldering irons



Weller®

Mfg. part no. WFE2P solder fume extractor is a bench-top filtration unit that reduce harmful soldering emissions by extracting 99.99% of the fumes before they can be released into the environment.

Mfg. Part No.	Description	Stock No.	Price Each
WFE2P	Solder Fume Extractor, Up to 2 Operators, Internal Pump	52F6559	928.26

ACCESSORIES

Mfg. part no. 0052918299 fume extraction adapter for converting the **WP80** soldering iron pencil to a source fume extraction pencil. Helps remove noxious fumes associated with lead-free solder and flux. Ideal for use with **mfg. part no. WFE2P** fume extractor. *ordered separately above.*

Mfg. Part No.	Description	Stock No.	Price Each
0052918299	Fume Extraction Adapter for WP80 Soldering Pencil	43M0103	74.56

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WFE2ES SERIES ZERO-SMOG® VOLUME FUME EXTRACTION SYSTEM

- Dual-user, volume fume extraction system — purifies air at lead-free soldering workbench
- 99.5% filtration efficiency — uses F5- and F7-Grade Fine Dust and H12 and H13 HEPA Filters
- Powerful turbine (1800 Pa) for fast, effective removal of air-borne pollutants — 220m³/h volume capacity
- Quiet operation — less than 55dBA



WFE2ESKIT

WFE 2ES series Zero-Smog® volume extraction system improves the soldering process by capturing the particles and pollutants produced and providing up to two operators with a comfortable, clean and safe working environment. Ideal for use in applications where volume extraction is required, such as solder baths, hot air soldering, micro soldering and use of adhesives. Wide range of accessories, *ordered separately below*, provides users with a high-degree of operational flexibility. There is no need for specialized on-site installation — easy to set-up and relocate. **Mfg. part no. WFE2ES** includes fume extraction base unit with 10-ft. extraction hose, F5-Grade fine dust filters and H12-Grade HEPA filter cartridge with wide band gas filter. **Mfg. part no. WFE2ESKIT** includes the same contents as **mfg. part no. WFE2ES** plus **mfg. part no. 0053650681** accessory kit (contents listed below).

Mfg. Part No.	Description	Stock No.	Price Each
WFE2ES	Volume Fume Extraction Station	65M6531	640.50
WFE2ESKIT	Volume Fume Extraction Station with Accessory Kit	65M6532	813.75

ACCESSORIES

Mfg. part no. 0053650681 fume extraction accessory kit contains everything needed to set up one operator: 10-ft. extraction hose, 39.4"L extraction arm with 2" funnel, system seal, two bench mounting brackets and two hose clamps.

Mfg. Part No.	Description	Stock No.	Price Each
0053657199	Fume Extraction Accessory Kit	11R6626	199.34
0053637299	WFAF50 Extraction Arm with 4" Funnel	65M6641	103.11
0053637399	WFAS50 Extraction Arm with 0.75" Flat Nozzle	65M6642	105.69
0053637499	WFAN50 Extraction Arm with 2" Round Nozzle	65M6643	103.11
0058735849	Extraction Arm with Articulated Joint and Airflow Control Valve	65M6653	457.10
0058735327	10-ft. Extraction Hose	65M6649	12.62
0053637899	WFCC50 Exhaust Hood with 39.4" Hose	65M6644	151.22
0053638099	WFDD50 Extraction Plate with 39.4" Hose	65M6646	189.03
0058735845	Metal Exhaust Hood	65M6650	151.22
0053637199	WFFMP50 System Seal	65M6640	31.86
0053637999	WFTB50 Bench Mounting Bracket	65M6645	37.81
0058735879	Extraction Hose Clamps — Sold in Pkg. of 2	71M0008	10.66
0058735884	F5-Grade Fine Dust Filters — Sold in Pkg. of 10	71M0009	44.16
0058735885	F7-Grade Fine Dust Filters — Sold in Pkg. of 10	71M0010	74.19
0058762701	H12-Grade HEPA Filter Cartridge and Wide Band Gas Filter	66M8526	90.22
0058735883	H13-Grade HEPA Filter Cartridge and Wide Band Gas Filter	66M8523	378.05

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(148829)

SOLDERING STATIONS

RESISTANCE SOLDERING AND WIRE-STRIPPING SYSTEMS



- Solder and Strip Wire Faster than Ever Before!
- Increase Efficiency and Reduce Labor, Energy and Material Waste
- Each Kit is a Complete System, Including Control Unit, Handpiece, Foot switch Control, and Replacement Electrodes



ELECTRONIC UHPS MICRO-SOLDERING KIT

Mfg. part no. UHPS MSK contains 1 mfg. part no. 105A3 control unit, 1 set of mfg. part no. 105133 soldering handpiece, 1 mfg. part no. 105134 electrodes and 1 mfg. part no. 10519 foot switch controller.

Mfg. Part No.	Stock No.	Price Each
● UHPS MSK	19C0632	628.86

ELECTRONIC UHPS THERMAL WIRE-STRIPPING KIT

Mfg. part no. UHPS TWK14 for 14-22AWG wire gauges contains 1 mfg. part no. 105A3 control unit, 1 mfg. part no. 10517 wire-stripping handpiece, 1 set of mfg. part no. 10545 elements and 1 mfg. part no. 10519 foot switch controller.

Mfg. Part No.	Stock No.	Price Each
● UHPS TWK14	19C0633	653.62

ELECTRONIC UHPS THERMAL WIRE-STRIPPING KIT

Mfg. part no. UHPS TWK24 for 24AWG and finer wire gauges contains 1 mfg. part no. 105A3 control unit, 1 mfg. part no. 10517 wire-stripping handpiece, 1 set of mfg. part no. 105132 elements and 1 mfg. part no. 10519 foot switch controller.

Mfg. Part No.	Stock No.	Price Each
● UHPS TWK24	19C0634	738.83

ELECTRONIC UHPS MASTER SOLDERING AND WIRE-STRIPPING KIT

Mfg. part no. UHPS STWK contains 1 mfg. part no. 105A3 power unit, 1 mfg. part no. 10517 wire-stripping handpiece, mfg. part nos. 105133 and 105131 soldering handpieces, 1 set of mfg. part no. 105134 electrodes, 1 set each of mfg. part nos. 10545 and 105132 elements, and 1 mfg. part no. 10519 foot switch controller.

Mfg. Part No.	Stock No.	Price Each
● UHPS STWK	19C0635	994.29

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RESISTANCE SOLDERING POWER UNITS AND HANDPIECES



- UHPS Incorporates the Science of Resistance Soldering to Solve Your Difficult Soldering Needs
- Pick The Exact Products That Will Meet Your Particular Needs
- Choose One Control Unit and One Handpiece



Replacement tips, additional electrodes/elements and accessories are available; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each
● 105A3	100W Power Unit, 120VAC	20M8608	383.99
● 105A12-120	250W Power Unit, 120VAC	20M8607	477.30

SOLDERING HANDPIECES UP TO 250W

● 105133	100W Tweezer Handpiece — to 22 AWG	95F3813	185.59
● 10541	100W Tweezer Handpiece — to 3/16"	20M8611	183.03
● 10542	Resistance Soldering Electrode for Mfg. Part No. 10541	95F3825	24.31
● 105127	250W Tweezer Handpiece — to 1/2"	98F6275	319.99
● 10515	3/32" Diameter Single-Carbon Handpiece	95F3815	98.55

WIRE STRIPPING HANDPIECES, UP TO 100W

469TD	Micro Tweezer Handpiece — to 24 AWG	95F3816	212.47
10517	Reg. Tweezer Handpiece — to 18 AWG	95F3817	207.35
10591	Small V-North Handpiece — to 12 AWG	95F3818	166.39

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PCT-100 FOCUSED CONVECTION PREHEATER SYSTEM



- Accelerates and enhances rework process including lead-free, SMT and thru-hole
- Temperature ramps up quickly, maximizing productivity
- Adjustable temperature control up to 300°C
- Controlled cool-down eliminates thermal shock to PCB and components
- Automatically shut-off for added safety
- ESD safe
- TUV approved, CE compliant



PCT-100 focused convection preheater targets heat for improved speed and efficiency needed in high thermal demand applications. The hot convection air heats a PCB for better soldering, improved process control and increased productivity. Ideal for thick boards and smaller boards, such as cell phone and PDAs. Easy-to-use, just plug in, turn on, adjust the heat and it's ready to deliver hot air where needed. Small boards can be reworked directly on the preheater or use with free-standing PCB holder for larger size boards. The complete system includes choice of 115V or 230V convection preheater, a free-standing PC board holder and adjustable angle arm rest. All system components can also be ordered separately below.

Mfg. Part No.	Description	Stock No.	Price Each
● PCT-102-11	Focused Convection Preheater System — 115VAC	47M0963	649.74
● PCT-102-21	Focused Convection Preheater System — 230VAC	73M3918	649.74

PREHEATERS AND ACCESSORIES

Accessories add to ease-of-use. Free-standing board holder holds PCBs from 2.5" to 12" wide. Adjustable angle arm rest stabilizes hand and arm to help prevent operator fatigue.

● PCT-100-11	115V Focused Convection Preheater Only	51M4853	354.90
● PCT-100-21	230V Focused Convection Preheater Only	73M3917	354.90
● BH-100	Free-Standing PC Board Holder	88M2814	275.63
● PCT-AR	Adjustable-Angle Arm Rest	96M1585	76.05

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PS-900 SERIES PRODUCTION SOLDERING SYSTEM



- Compact benchtop system offers exceptional performance and superior control
- High power to deliver lead-free soldering at 600°F
- SmartHeat® temperature control
- Ergonomic, lightweight soldering handpiece
- Rugged, cast aluminum power supply housing
- Auto-Sleep workstand reduces tip oxidation
- Soldering tips are easily removed and replaced

PS-900 production soldering system packs power and provides exceptional thermal control in a compact power supply that fits on or under the bench. Suitable for lead-free soldering processes, multilayer boards and thermally demanding components. Features a variable power/temperature control with no thermal over shoot. SmartHeat technology enables soldering at lower temperatures and requires no calibration. The complete PS-900 soldering system includes 100 to 240VAC, 90W power supply with power cord, soldering iron handpiece with cord and coil assembly, Auto-Sleep workstand with sponge and brass pad, cartridge removal pad and user's guide. Order accessories and SFV series power heater soldering tips separately below.



Mfg. Part No.	Description	Stock No.	Price Each
● PS-900	High-Power Soldering System	96M1588	256.23

ACCESSORIES

● PS-HC3	Soldering Iron Handpiece with Power Cord and Coil Assembly	96M1587	67.68
● WS2	Auto-Sleep Workstand with Sponge and Brass Pad	31M7904	31.28
● AC-YS4	Sponge (3.12" Diameter x 1.00")	64J8855	20.85
● AC-CP2	Soldering Cartridge and Tip Removal Pads	91F5873	6.45
● AC-BP	Lead-Free Brass Pads for Workstand — Sold in Pkgs. of 10	03M6022	9.32
● AC-CK1	Lead-Free ID Soldering Tip Rings — Sold in Pkgs. of 50	68K2034	11.95

SFV SERIES POWER HEATER SOLDERING TIPS FOR PS-900 SYSTEM

SFV series replaceable soldering tips are quick and easy to change. The power heater is built into the tip, delivering heat quickly and precisely. Thermally-optimized large diameter tips include additional iron plating for longer life. Ideal for use with mfg. part no. PS-900 production soldering system, ordered separately above. For easy identification of soldering tips used for lead-free processes, order mfg. part no. AC-CK1 lead-free ID soldering tip rings separately above. These green-colored ID rings slip easily onto tip.

EASY ACCESS TIPS — FOR LONGER REACH, TOUCH-UP APPLICATIONS

Mfg. Part No.	Tip Style	Tip Thickness (in.)	Tip Length (in.)	Stock No.	Price Each
● SFV-CH18A	Chisel	0.528	0.528	78M7411	19.97
● SFV-CH15A	Chisel	0.06	0.528	77M9252	19.97

TIPS FOR HEAVY-DUTY APPLICATIONS

● SFV-CH10	30° Chisel	0.04	0.43	66K6728	10.80
● SFV-CHB15	30° Chisel Bent	0.06	0.48	66K6727	10.80
● SFV-CH20	Chisel	0.07	0.39	66K6729	8.46
● SFV-CH25	Chisel	0.1	0.43	66K6730	8.46
● SFV-CH50	Chisel, Extra-Large	0.2	0.40	66K6731	10.80
● SFV-CN05	Conical	0.02	0.34	66K6736	10.58
● SFV-CN05	Conical Bent	0.02	0.51	66K6732	8.46
● SFV-CNL04	Conical, Long	0.016	0.53	66K6733	10.80
● SFV-CNL10	Conical, Long	0.04	0.51	66K6734	10.80

▶ CONTINUED ▶

SOLDERING STATIONS

PS-900 SERIES PRODUCTION SOLDERING SYSTEM (CONT.)

TIPS FOR HEAVY-DUTY APPLICATIONS

Mfg. Part No.	Tip Style	Tip Thickness (in.)	Tip Length (in.)	Stock No.	Price Each
					Each
● SFV-CNL14	Conical, Long	0.055	0.59	66K6735	10.80
● SFV-DRH20	Conical Bevel	0.07	...	66K6737	10.80
● SFV-DRK50	45° Knife	0.2	0.55	66K6738	10.80

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HCT-900 SERIES HAND-HELD CONVECTION HOT-AIR TOOLS

- Low-noise, diaphragm air pump (less than 45db) provides quiet operation
- Air flow: 6-25 l/min
- Control temperature: 100°C -500°C (212°F -932°F)
- Fully ESD compliant
- CE complaint, TUV approved



HCT-900 series hot air tools offer a low-cost, versatile rework solution for a wide variety of soldering and desoldering applications. It has a compact, robust design comprising of analog controls for both airflow and heat. A closed loop feedback circuit controls the temperature allowing the desired temperature to be achieved and maintained regardless of changes in the volume of airflow. Used for the removal and replacement of electronic components, including lead-free, from 0201 up to 304 pin QFP. It is also effective at reworking pin-in-hole devices such as sockets and connectors. And, using it with solder braid and flux is a fast and efficient way to remove solder shorts and splashes. It can also be used in plastic applications such as applying shrink wrap to components or the formation of plastic rivets. "Power off" cool down function retains airflow through the hand piece while the unit powers down, providing efficient heater cooling and reducing thermal stress. Hot air tool is supplied with **mfg. part no. H-D50** standard single-jet nozzle (0.2", 5.0mm). For specific applications, select from a wide selection of nozzles and two rework nozzle kits; *order separately below.*

Mfg. Part No.	Description	Stock No.	Price Each
			Each
● HCT-900-11	100/120VAC Hand-Held Convection Hot-Air Tool	66K6681	608.30
● HCT-900-21	220/240VAC Hand-Held Convection Hot-Air Tool	66K6682	558.25

NOZZLE KITS

Mfg. part no. NZKT-1 nozzle kit for chip resistors, SOIC and TSOP packages. Includes (one each): **mfg. part nos. H-D25, H-SL16, H-SL28, H-SQJ40 and H-TS48** nozzles. Mfg. part no. NZKT-2 nozzle kit for PLCC, QFP and BQFP packages. Includes (one each): **mfg. part nos. H-P20, H-P44, H-P84, H-Q1420 and H-Q2626** nozzles.

Mfg. Part No.	Description	Stock No.	Price Each
			Each
● NZKT-1	5-Pc. Nozzle Kit for Chip Resistors, SOIC and TSOP Packages	66K6701	291.60
● NZKT-2	4-Pc. Nozzle Kit for PLCC, QFP and BQFP Packages	66K6702	378.00

NOZZLES

Mfg. Part No.	For IC Model	Width (mm)	Height (mm)	Stock No.	Price Each
					Each
● H-S16	SOIC-14, -16	6.8	10.2	66K6674	80.44
● H-SL16	SOL-14, -16	10.6	10.8	66K6666	80.44
● H-SL20	SOL-20, -20J	10.6	13.3	66K6667	80.44
● H-SL24	SOL-24, -24J	10.6	15.9	66K6668	80.44
● H-SL28	SOL-28	10.6	18.4	66K6670	80.44
● H-SL44	SOL-44	16	27.9	66K6671	80.44
● H-SQJ32	SOJ-32	13.5	20.6	66K6672	80.44
● H-SQJ40	SOJ-40	13.5	25.4	66K6673	80.44
● H-TS24	TSOP-20, -24	17	7.1	66K6677	80.44
● H-TS32	TSOP-28, -32	21	9.1	66K6678	80.44
● H-TS40	TSOP-40	21	10.8	66K6679	80.44
● H-TS48	TSOP-48	21	13.3	66K6680	80.44
● H-TSW24	TSOP-20, -24	10.2	18.4	66K6675	80.44
● H-TSW44	TSOP-24, -28, -40, -44	12.7	19.8	66K6676	80.44
● H-P20	PLCC-20	11.9	11.9	66K6651	101.89
● H-P28	PLCC-28	14.5	14.5	66K6652	101.89
● H-P32	PLCC-32	16.9	14.3	66K6653	101.89
● H-P44	PLCC-44	19.5	19.5	66K6654	101.89
● H-P52	PLCC-52	22	22.1	66K6655	101.89
● H-P68	PLCC-68	27	27.2	66K6656	101.89
● H-P84	PLCC-84	32.4	32.4	66K6657	101.89
● H-Q07	QFP-48	8.4	8.4	66K6659	101.89
● H-Q10	QFP-44	13.4	13.4	66K6660	101.89
● H-Q14	QFP-52, -80	17.3	17.3	66K6661	101.89
● H-Q1420	QFP-64, -80, -100	23.4	18.1	66K6662	101.89
● H-Q28	QFP-120, -128, -144, -160	31.2	31.2	66K6664	101.89
● H-Q3232	QFP-240	34.5	34.5	66K6665	101.89
● H-Q2626	QFP-208	29.8	29.8	66K6663	101.89
● H-BQ23	BQFP-100	22.4	22.4	66K6646	101.89
● H-BQ38	BQFP-196	37.7	37.7	66K6647	101.89

NOZZLES

Mfg. Part No.	For IC Model	Outer Dia. (mm)	Stock No.	Price Each
				Each
● H-D25	Chip and SOT	2.5	66K6649	21.45
● H-D50		5	66K6650	21.45
● H-D120		12	66K6648	21.45

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MFR-1100 SERIES SINGLE-OUTPUT SOLDERING AND REWORK SYSTEM

NEW TECHNOLOGY

RoHS Compliant Available

OKI
OKI INTERNATIONAL™

OKI Powered by SMARTHEAT™



MFR-1110

MFR-1100 Series Handpieces
Tweezers, Soldering Tip, Soldering Cartridge

Configurable System Provides Versatility with SmartHeat® Power and Control

- SmartHeat® Technology provides exceptional power for high thermal demand applications
- High-power output at a fixed temperature provides high throughput with excellent yields
- Three hand-pieces available for increased application solutions for soldering and rework on one system
- Handpieces are ergonomic for operator safety and comfort
- Comprehensive range of soldering cartridges or tips for maximum flexibility
- Input line voltage: 100- 240VAC
- Input line frequency: 50/60Hz grounded circuit
- Power consumption: 65W max.
- Output power: 60W max. at 22°C
- Output frequency: 450KHz
- Ambient operating temperature: 10° to 40°C (50° to 104°F)
- Maximum enclosure temperature: 55°C (131°F)

MFR-1100 series single-output soldering and rework system provides high-power solutions for production soldering, touch-up soldering and SMD rework. Features a choice of three handpieces to support today's PCB and component technologies, providing maximum application solutions and increased productivity. These tools incorporate Smart-Heat® Technology that dynamically responds to the load, delivers highly responsive and controlled heating, while protecting sensitive components and substrates from damage. These high-powered systems can perform lead-free soldering, as low as 600°F, resulting in longer tip life.

SELECT FROM THREE SYSTEM CONFIGURATIONS

Mfg. part no. MFR-1110 system includes one **mfg. part no. MFR-PS1100** power supply unit, one **mfg. part no. MFR-H1-SC** soldering cartridge handpiece and one **mfg. part no. WS1** auto-sleep workstand with sponge and lead-free brass pad. *Order SFP series soldering tip cartridges and RFP series rework tip cartridges separately on page 1994.*

Mfg. Part No.	Description	Stock No.	Price Each
			Each
● MFR-1110	Single-Output Soldering & Rework System with Soldering Cartridge Handpiece	47P0232	350.00

Mfg. part no. MFR-1120 system includes one **mfg. part no. MFR-PS1100** power supply unit, one **mfg. part no. MFR-H2-ST** soldering tip handpiece and one **mfg. part no. WS1** auto-sleep workstand with sponge and lead-free brass pad. *Order SFV series production soldering tips separately on pages 1994-1995.*

● MFR-1120	Single-Output Soldering & Rework System with Soldering Tip Handpiece	45P6317	335.00
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Mfg. part no. MFR-1140 system includes **mfg. part no. MFR-PS1100** power supply unit, one **mfg. part no. MFR-H4-TW** precision tweezers cartridge handpiece, for SMD removal of 0201 resistors to 28mm long SOIC, and **mfg. part no. MFR-WSPT** tweezers workstand with sponge and lead-free brass pad. *Order TFP series precision tweezer cartridges separately on page 1995.*

● MFR-1140	Single-Output Soldering & Rework System with Tweezers Cartridge Handpiece	46P4043	453.00
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ACCESSORIES

MFR-PS1100	Single-Output Universal Power Supply ONLY — 100-240VAC, 50/60Hz	46P8085	204.00
● MFR-H1-SC	Soldering Cartridge Handpiece	01N5076	89.66
● MFR-H2-ST	Soldering Tip Handpiece	01N5077	89.66
● MFR-H4-TW	Tweezers Cartridge Handpiece	01N5078	208.38
● WS1	Auto-Sleep Workstand with Black Cradle, Sponge and Brass Pad	22M4770	62.55
● WS1G	Auto-Sleep Workstand with Green Cradle, Sponge and Brass Pad	26M8648	62.55
● MFR-WSPT	Tweezers Workstand with Black Cradle, Sponge and Brass Pad	66K6699	62.55
● MFR-UK1	Upgrade Kit — MFR-H1-SC Soldering Cartridge Handpiece and WS1 Auto-Sleep Workstand	01N5081	123.37
● MFR-UK2	Upgrade Kit — MFR-H2-ST Soldering Tip Handpiece and WS1 Auto-Sleep Workstand	01N5082	123.37
● MFR-UK4	Upgrade Kit — MFR-H4-TW Tweezers Cartridge Handpiece and MFR-WSPT Workstand	01N5083	237.92
● AC-BP	Lead-Free Brass Pads for Workstand, Pkg. of 10	03M6022	9.32
● AC-CP2	Soldering Cartridge and Tip Removal Pads, Pkg. of 2	91F5873	6.45
● MFR-CA2	Coil Assembly for MFR-H2-ST Soldering Tip Handpiece	88M8279	25.00
● MFR-PM70	Power Meter	01N5079	80.10

(142168)

SOLDERING STATIONS

METCAL MX-5000 SERIES
SOLDERING AND REWORK
SYSTEMS

NEW TECHNOLOGY

MX-5020, MX-PS5000 Power Supply, MX-H2-UF
UltraFine™ Handpiece, MX-W1AV TipSaver™ WorkstandMX-H1-AV Advanced™ Handpiece, MX-
W1AV TipSaver™ WorkstandMX-DS1 Desoldering Handpiece, MX-W5DS
TipSaver™ WorkstandMX-PTZ Precision Tweezers Handpiece,
MX-W4PT TipSaver™ Workstand

Power...Precision...Performance

- More power — recovery time increases production rates and throughput
- Improved precision — Metcal's Advanced™ and UltraFine™ handpieces ergonomically designed to decrease user fatigue and enhance dexterity
- Greater process control — SmartHeat® technology enables soldering and rework at safe, controlled temperatures
- Input line voltage: 100 - 240VAC, grounded circuit
- Input line frequency: 50/60Hz
- Power consumption: 125W max.
- Output power: 80W max. per channel at 22°C ambient temperature
- Output frequency: 13.56 MHz
- Ambient operating temperature: 10° to 40°C (50° to 104°F)
- Maximum enclosure temperature: 55°C (131°F)
- TUV approved, CE compliant

Metcal's MX-5000 series soldering and rework system is composed of five different system configurations which users can choose from to address specific applications. Available configurations are determined by the handpiece to be used. The handpiece choices include MX-H1-AV Metcal Advanced™ soldering and rework handpiece, MX-H2-UF Metcal UltraFine™ soldering handpiece for micro-soldering applications, MX-PTZ precision tweezers handpiece for SMD rework, and MX-DS1 through-hole desoldering handpiece. These high-powered systems can perform lead-free soldering, as low as 600°F, resulting in longer tip life. At the core of the system is a microprocessor-controlled power supply that provides more power, the highest level of precision and advanced user features for greater process control. This power supply has a built-in power indication meter with digital display and bar graph that dynamically provides the operator with feedback on the status of the soldering operation. It has four mode indications: "Ready", "Power", "Sleep" and "Powersave" to program the power to the handpiece. The system also features the TipSaver™ workstand with auto-sleep function. When the user places the handpiece in the workstand, power is automatically reduced saving energy and substantially increasing tip life.

SELECT THE SYSTEM THAT MEETS YOUR APPLICATION NEEDS...

All MX-5000 series systems include: 100 to 240VAC power supply with dual switch port and LCD display, appropriate handpieces and workstands (indicated in table below), power cord, cartridge removal pad, brass tip cleaning pad, and user guide. Order tip cartridges separately.

System Components	MX-5000 Series Soldering and Rework Systems				
	Mfg. Part Nos.				
	MX-5010	MX-5020	MX-5041	MX-5050	MX-5051
MX-PS5000 Power Supply	●	●	●	●	●
MX-H1-AV Metcal Advanced™ Handpiece with Three Grips*	●		●		●
MX-H2-UF Metcal UltraFine™ Handpiece with Three Grips*		●			
MX-PTZ Precision Tweezers Handpiece			●		
MX-DS1 Desoldering Handpiece				●	●
MX-W1AV TipSaver™ Workstand	●	●	●		●
MX-W4PT TipSaver™ Workstand			●		
MX-W5DS TipSaver™ Workstand				●	●

*Includes three interchangeable grips to give user a choice for feel and comfort.

Mfg. part no. MX-5010 soldering and rework system offers users the ergonomic Metcal Advanced™ handpiece for soldering and rework. This system is highly effective for soldering applications including: lead-free, high mass components or boards, thermally sensitive components requiring low operating temperature, high volume production soldering and touch-up soldering operations. For these types of applications, order the STTC series soldering tip cartridges separately on pages 2003-2004. In addition, this system can be used for conduction rework of SMDs when using SMT series soldering tip cartridges; ordered separately.

Mfg. Part No.	Description	Stock No.	Price Each
● MX-5010	Soldering and Rework System	12P9158	650.00
Mfg. part no. MX-5020 UltraFine™ soldering system with the UltraFine™ handpiece enables efficient, high-precision soldering and touch-up of micro-components in restricted access or high-density component packaging on a PCB. Order UFTC series UltraFine™ soldering tip cartridges separately below.			
● MX-5020	UltraFine™ Soldering System	19P2158	675.00

➤ CONTINUED ➤

METCAL MX-5000 SERIES SOLDERING AND REWORK SYSTEMS (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
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Mfg. part no. MX-5041 precision tweezers, soldering and rework system gives users maximum application flexibility for soldering and reworking a wide range of surface mount discrete and SOIC components. This system combines both the MX-H1-AV Metcal Advanced™ and the MX-PTZ precision tweezers handpieces. Order PTTC series tweezer tip cartridges separately below. Order STTC, SMT series tip cartridges separately on pages 2002-2004.

● MX-5041	Precision Tweezers, Soldering and Rework System	14P5196	1010.00
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Mfg. part no. MX-5050 plated-through-hole component desoldering system provides users with high-power capability to desolder thermally demanding through-hole devices at moderate, non-damaging temperatures. Order STDC series desoldering tip cartridges separately.

● MX-5050	Plated-Through-Hole Component Desoldering System	19P2159	865.00
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Mfg. part no. MX-5051 is the most versatile of the MX-5000 series systems capable of through-hole desoldering, general soldering and SMD rework applications. This system includes two handpieces: the Metcal Advanced™ and the Metcal MX-DS1 desoldering handpiece for through-hole desoldering. Order STTC, SMT and STDC series tip cartridges separately on pages 2002-2004.

● MX-5051	Soldering, Desoldering and Rework System	19P2160	1050.00
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UFTC SERIES ULTRAFINE™ TIP CARTRIDGES FOR MX-H2-UF SOLDERING IRON HANDPIECE

UFTC series UltraFine™ tip cartridges feature relatively small tip geometries of 0.2 mm (0.0078") to 1.2 mm (0.047") and are suited for low-mass or small part soldering.

Mfg. Part No.	Tip Style	Tip Width (mm)	Tip Length (mm)	Stock No.	Price Each
● UFTC-7CHL06	Chisel	0.6	9	19P2161	29.62
● UFTC-7CHL08	Chisel	0.8	9	19P2162	29.62
● UFTC-7CH06	Chisel	0.6	5.1	19P2163	29.62
● UFTC-7CH08	Chisel	0.8	5.1	19P2164	29.62
● UFTC-7CH12	Chisel	1.2	5.1	19P2165	29.62
● UFTC-7CN01	Conical	0.13	5.1	19P2169	29.62
● UFTC-7CN02	Conical	0.2	5.1	19P2170	29.62
● UFTC-7CN04	Conical	0.4	5.1	19P2171	29.62
● UFTC-7CLN04	Conical	0.4	9	19P2166	29.62
● UFTC-7CNB02	Conical Bent	0.2	5.5	19P2167	29.62
● UFTC-7CNB04	Conical Bent	0.4	5.5	19P2168	29.62
● UFTC-7DRH408	Micro Fine Hoof	0.8	5.1	19P2172	29.62
● UFTC-7DRH412	Micro Fine Hoof	1.2	5.1	19P2173	29.62

PTTC SERIES TWEezer TIP CARTRIDGES FOR MX-PTZ PRECISION TWEezer HANDPIECE

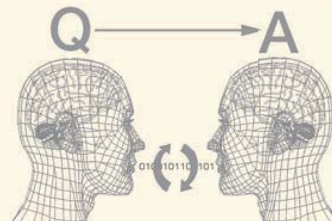
PTTC series tweezer tip cartridges together with the MX-PTZ precision tweezers handpiece provide an efficient and ergonomic resource to users for removal and replacement of chip and SOIC packages. Tweezer cartridges are available in large tip geometries and three temperatures. Sold in pairs.

Mfg. Part No.	Tip Style	Tip Width (mm)	Tip Length (mm)	Tip Temp. (°F)	Stock No.	Price per Pair
● PTTC-601	Conical	0.4	19	600	40P1961	92.45
● PTTC-701B	Conical Bent	0.4	14.3	700	40P1969	92.45
● PTTC-602	Blade	1	16.5	600	40P1962	92.45
● PTTC-702	Blade	1	16.5	700	40P1970	92.45
● PTTC-603	Blade	2	16.5	600	40P1963	92.45
● PTTC-703	Blade	2	16.5	700	40P1971	92.45
● PTTC-604	Blade	6.3	12.7	600	40P1964	92.45
● PTTC-704	Blade	6.3	12.7	700	40P1972	92.45
● PTTC-605	Blade	16	12.7	600	40P1965	119.25
● PTTC-705	Blade	16	12.7	700	40P1973	119.25
● PTTC-805	Blade	16	12.7	800	40P1980	119.25
● PTTC-606	Blade	20.5	12.7	600	40P1966	119.25
● PTTC-706	Blade	20.5	12.7	700	40P1974	119.25
● PTTC-806	Blade	20.5	12.7	800	40P1981	119.25
● PTTC-607	Blade	28	12.7	600	40P1967	119.25
● PTTC-707	Blade	28	12.7	700	40P1975	119.25
● PTTC-807	Blade	28	12.7	800	40P1982	119.25

(136312)

Expert technical support

Chat online to our team of engineers, or
connect to them through your representative.



(148440)

SOLDERING STATIONS

MFR-2210 AND MFR-2211
DUAL-OUTPUT SOLDERING
AND REWORK SYSTEMS

- SmartHeat® Technology provides exceptional power for high thermal demand applications
- Dual simultaneous outputs allow for single or dual operator use
- Allows one operator to use one or two hand-pieces together
- A comprehensive range of soldering cartridges for maximum flexibility
- Handpieces are ergonomic for operator safety and comfort
- Input line voltage: 100- 240VAC
- Input line frequency: 50/60Hz grounded circuit
- Power consumption: 130W max.
- Output power: 60W max. at 22°C per output
- Output frequency: 450KHz
- Ambient operating temperature: 10° to 40°C (50° to 104°F)
- Maximum enclosure temperature: 55°C (131°F)
- TUV approved, CE compliant



MFR-2211

MFR-2200 series soldering and rework systems provide a high power, flexible solution for production soldering, touch-up soldering and SMD rework. Features dual output capability which allows the user to select operation of one handpiece or two handpieces simultaneously. One or two handpiece operation is easily chosen via a front panel three-position switch. It dual-output power unit contains two separate power supplies providing full power for each handpiece that is in use. These high-powered systems can perform lead-free soldering, as low as 600°F, resulting in longer tip life.

Select System with One or Two Active Handpieces

Dual-output systems **mfg. part no. MFR-2210** includes one each and **MFR-2211** includes two each of the following components: **mfg. part no. MFR-H1-SC** soldering cartridge handpiece and **mfg. part no. WS1** auto-sleep workstand with sponge and lead-free brass pad. This handpiece uses small diameter **SFP** series standard soldering tip cartridges for easy access and **RFP** series rework tip cartridges for SMD components; *ordered separately below*.

For increased flexibility two other handpieces, *ordered separately below*, can be used with these systems: **mfg. part no. MFR-H2-ST** soldering tip handpiece for high-power production soldering environments and **mfg. part no. MFR-H4-TW** precision tweezers handpiece for rework of SMD components. A wide assortment of **SFV** series soldering tips and **TFP** series tweezer tip cartridges are available; *order separately on pages 1994-1995*.

Mfg. Part No.	Description	Stock No.	Price Each
			Each
● MFR-2210	Soldering and Rework System: 1 MFR-PS2000 Dual-Output Power Unit, 1 MFR-H1-SC Cartridge Soldering Handpiece, 1 WS1 Auto-Sleep Workstand	01N5084	509.36
● MFR-2211	Soldering and Rework System: 1 MFR-PS2000 Dual-Output Power Unit, 2 MFR-H1-SC Cartridge Soldering Handpieces, 2 WS1 Auto-Sleep Workstands	01N5085	623.70

ACCESSORIES

● MFR-PS2200	Dual Simultaneous Output Power Supply Unit ONLY — 100-240VAC, 50/60Hz	01N5080	363.84
● MFR-H1-SC	Soldering Cartridge Handpiece	01N5076	89.66
● MFR-H2-ST	Soldering Tip Handpiece	01N5077	89.66
● MFR-H4-TW	Tweezers Cartridge Handpiece	01N5078	208.38
● WS1	Auto-Sleep Workstand with Black Cradle, Sponge and Brass Pad	22M4770	62.55
● WS1G	Auto-Sleep Workstand with Green Cradle, Sponge and Brass Pad	26M8648	62.55
● MFR-WSPT	Tweezers Workstand with Black Cradle, Sponge and Brass Pad	66K6699	62.55
● MFR-UK1	Upgrade Kit — MFR-H1-SC Soldering Cartridge Handpiece and WS1 Auto-Sleep Workstand	01N5081	123.37
● MFR-UK2	Upgrade Kit — MFR-H2-ST Soldering Tip Handpiece and WS1 Auto-Sleep Workstand	01N5082	123.37
● MFR-UK4	Upgrade Kit — MFR-H4-TW Tweezers Cartridge Handpiece and MFR-WSPT Workstand	01N5083	237.92
● AC-BP	Lead-Free Brass Pads for Workstand, Pkg. of 10	03M6022	9.32
● AC-CP2	Soldering Cartridge and Tip Removal Pads, Pkg. of 2	91F5873	6.45
● AC-BRUSH-P	Soft-Brass Cleaning Brush, Pkg. of 6	76K1432	51.55
● AC-1K	Interlocking/Mounting Kit	66K6633	9.39
● AC-CK1	Lead-Free ID Soldering Tip Rings, Pkg. of 50	68K2034	11.95
● MFR-PM70	Power Meter, 0-70W Scale	01N5079	80.10

SFP SERIES STANDARD SOLDERING TIP CARTRIDGES

SFP series replaceable standard soldering tip cartridges, for use with **mfg. part no. MFR-H1-SC** handpiece, have been designed to deliver outstanding performance for the majority of point-to-point soldering and basic rework applications. The geometries within the range have been optimized to deliver maximum accessibility combined with optimal thermal efficiency within a narrow cartridge diameter. For easy identification of soldering tips used for lead-free processes, *order mfg. part no. AC-CK1 lead-free ID soldering tip rings separately above*. These green-colored ID rings slip easily onto tip.

Mfg. Part No.	Tip Style	Tip Thickness (in.)	Tip Length (in.)	Stock No.	Price Each
					Each
● SFP-BVL10	60° Bevel	0.04	0.56	66K6710	18.77
● SFP-CH10	30° Chisel	0.04	0.36	66K6713	14.04
● SFP-CH15	30° Chisel	0.06	0.39	66K6714	14.04
● SFP-CH20	30° Chisel	0.08	0.40	66K6715	14.04
● SFP-CH25	30° Chisel	0.1	0.394	66K6716	14.04
● SFP-CH50	30° Chisel	0.2	0.30	66K6717	14.04
● SFP-CHB15	30° Chisel Bent	0.06	0.474	66K6711	18.77
● SFP-CHL20	Chisel, Long-Reach	0.08	0.632	66K6712	18.77
● SFP-CN04	Conical	0.016	0.34	66K6721	14.04
● SFP-CN05	Conical	0.02	0.20	66K6722	18.77
● SFP-CN04	Conical Bent	0.016	0.20	66K6718	14.04
● SFP-CN05	Conical Bent	0.02	0.579	66K6719	14.04

➤ CONTINUED ➤

MFR-2210 AND MFR-2211 DUAL-OUTPUT SOLDERING AND REWORK SYSTEMS (CONT.)

Mfg. Part No.	Tip Style	Tip Thickness (in.)	Tip Length (in.)	Stock No.	Price Each
					Each
● SFP-CNL04	Conical, Long-Reach	0.016	0.59	66K6720	14.04
● SFP-DRH05	Drag Hoof	0.02	0.60	66K6723	26.44
● SFP-DRH15	Drag Hoof	0.06	0.65	66K6724	26.44
● SFP-DRH35	Drag Hoof	0.14	0.70	66K6725	26.44
● SFP-DRK50	Drag Knife	0.2	0.63	66K6726	45.48

RFP SERIES REWORK CARTRIDGES

RFP series replaceable rework tip cartridges, for use with **mfg. part no. MFR-H1-SC** handpiece, is ideal for rework of SMD components. The geometries are compatible with common SMT Chip and SOIC components.

Mfg. Part No.	Tip Style	Tip L x W (in.)	Tip Thickness (in.)	Stock No.	Price Each
					Each
● RFP-BL1	Blade	0.36 x 0.41	0.02	66K6703	87.78
● RFP-BL2	Blade	0.36 x 0.62	0.02	66K6704	87.78
● RFP-BL3	Blade	0.36 x 0.87	0.02	66K6705	87.78

RFP SERIES REWORK CARTRIDGES

Mfg. Part No.	Tip Style	For IC Model	Stock No.	Price Each
				Each
● RFP-DL1	Tunnel	SOIC-14, -16 Chip Package	66K6706	44.15
● RFP-DL2	Tunnel	SOIC-8 Chip Package	66K6707	44.15
● RFP-SL1	Slot	0805 Chip Package	66K6708	38.61
● RFP-SL2	Slot	1206 Chip Package	66K6709	38.61

(85797)

MFR-2220 AND MFR-2222 DUAL-OUTPUT
PRODUCTION SOLDERING
SYSTEMS

- SmartHeat® Technology provides exceptional power for high thermal demand applications
- Dual simultaneous outputs allow for single or dual operator use
- Allows one operator to use one or two hand-pieces together
- A comprehensive range of soldering cartridges for maximum flexibility
- Handpieces are ergonomic for operator safety and comfort
- Input line voltage: 100- 240VAC
- Input line frequency: 50/60Hz grounded circuit
- Power consumption: 130W max.
- Output power: 60W max. at 22°C per output
- Output frequency: 450KHz
- Ambient operating temperature: 10° to 40°C (50° to 104°F)
- Maximum enclosure temperature: 55°C (131°F)
- TUV approved, CE compliant



MFR-2222

MFR-2200 series soldering and rework systems provide a high power, flexible solution for production soldering, touch-up soldering and SMD rework. Features dual output capability which allows the user to select operation of one handpiece or two handpieces simultaneously. One or two handpiece operation is easily chosen via a front panel three-position switch. It dual-output power unit contains two separate power supplies providing full power for each handpiece that is in use. These high-powered systems can perform lead-free soldering, as low as 600°F, resulting in longer tip life.

Select System with One or Two Active Handpieces

Dual-output systems **mfg. part no. MFR-2220** includes one each and **MFR-2222** includes two each of the following components: **mfg. part no. MFR-H2-ST** soldering tip handpiece and **mfg. part no. WS1** auto-sleep workstand with sponge and lead-free brass pad. This handpiece features high power that uses **SFV** series tips designed for production soldering environments; *ordered separately below*.

For increased flexibility two other handpieces, *ordered separately below*, can be used with these systems: **mfg. part no. MFR-H1-SC** soldering cartridge handpiece for point-to-point soldering and basic rework applications and **mfg. part no. MFR-H4-TW** precision tweezers handpiece ideal for SMD rework. A wide assortment of **SFP** series soldering, **RFP** series rework and **TFP** series tweezer cartridges are available; *order separately on pages 1994-1995*.

Mfg. Part No.	Description	Stock No.	Price Each
			Each
● MFR-2220	Production Soldering System: 1 MFR-PS2000 Dual-Output Power Unit, 1 MFR-H2-ST Tip Soldering Handpiece, 1 WS1 Auto-Sleep Workstand	01N5086	509.36
● MFR-2222	Production Soldering System: 1 MFR-PS2000 Dual-Output Power Unit, 2 MFR-H2-ST Tip Soldering Handpieces, 2 WS1 Auto-Sleep Workstands	01N5087	623.70

ACCESSORIES

● MFR-PS2200	Dual Simultaneous Output Power Supply Unit ONLY — 100-240VAC, 50/60Hz	01N5080	363.84
● MFR-H1-SC	Soldering Cartridge Handpiece	01N5076	89.66
● MFR-H2-ST	Soldering Tip Handpiece	01N5077	89.66
● MFR-H4-TW	Tweezers Cartridge Handpiece	01N5078	208.38
● WS1	Auto-Sleep Workstand with Black Cradle, Sponge and Brass Pad	22M4770	62.55
● WS1G	Auto-Sleep Workstand with Green Cradle, Sponge and Brass Pad	26M8648	62.55
● MFR-WSPT	Tweezers Workstand with Black Cradle, Sponge and Brass Pad	66K6699	62.55

➤ CONTINUED ➤

SOLDERING STATIONS

MFR-2220 AND MFR-2222 DUAL-OUTPUT PRODUCTION SOLDERING SYSTEMS (CONT.)

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
● MFR-UK1	Upgrade Kit — MFR-H1-SC Soldering Cartridge Handpiece and WS1 Auto-Sleep Workstand	01N5081	123.37
● MFR-UK2	Upgrade Kit — MFR-H2-ST Soldering Tip Handpiece and WS1 Auto-Sleep Workstand	01N5082	123.37
● MFR-UK4	Upgrade Kit — MFR-H4-TW Tweezers Cartridge Handpiece and MFR-WSPT Workstand	01N5083	237.92
● AC-BP	Lead-Free Brass Pads for Workstand, Pkg. of 10	03M6022	9.32
● AC-CP2	Soldering Cartridge and Tip Removal Pads, Pkg. of 2	91F5873	6.45
● AC-BRUSH-P	Soft-Brass Cleaning Brush, Pkg. of 6	76K1432	51.55
● AC-IK	Interlocking/Mounting Kit	66K6633	9.39
● AC-CK1	Lead-Free ID Soldering Tip Rings, Pkg. of 50	68K2034	11.95
● MFR-PM70	Power Meter, 0-70W Scale	01N5079	80.10

SFV SERIES SOLDERING TIPS FOR HEAVY-DUTY APPLICATIONS

SFV series replaceable soldering tips are quick and easy to change. The power heater is built into the tip, delivering heat quickly and precisely. Thermally-optimized large diameter tips include additional iron plating for longer life. Ideal for use with **mfg. part no. MFR-H2-ST** production soldering handpiece. For easy identification of soldering tips used for lead-free processes, order **mfg. part no. AC-CK1** lead-free ID soldering tip rings separately above. These green-colored ID rings slip easily onto tip.

Mfg. Part No.	Tip Style	Tip Thickness (in.)	Tip Length (in.)	Stock No.	Price Each
● SFV-CH10	30° Chisel	0.04	0.43	66K6728	10.80
● SFV-CHB15	30° Chisel Bent	0.06	0.48	66K6727	10.80
● SFV-CH20	Chisel	0.07	0.39	66K6729	8.46
● SFV-CH25	Chisel	0.1	0.43	66K6730	8.46
● SFV-CH50	Chisel, Extra-Large	0.2	0.40	66K6731	10.80
● SFV-CN05	Conical	0.02	0.34	66K6736	10.58
● SFV-CNB05	Conical Bent	0.02	0.51	66K6732	8.46
● SFV-CNL04	Conical, Long	0.016	0.53	66K6733	10.80
● SFV-CNL10	Conical, Long	0.04	0.51	66K6734	10.80
● SFV-CNL14	Conical, Long	0.055	0.59	66K6735	10.80
● SFV-DRH20	Conical Bevel	0.07	...	66K6737	10.80
● SFV-DRK50	45° Knife	0.2	0.55	66K6738	10.80

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MFR-2240 AND MFR-2241 DUAL-OUTPUT PRECISION TWEEZERS, SOLDERING AND REWORK SYSTEMS



- SmartHeat® Technology provides exceptional power for high thermal demand applications
- Dual simultaneous outputs allow for single or dual operator use
- Allows one operator to use one or two hand-pieces together
- A comprehensive range of soldering cartridges for maximum flexibility
- Handpieces are ergonomic for operator safety and comfort
- Input line voltage: 100-240VAC
- Input line frequency: 50/60Hz grounded circuit
- Power consumption: 130W max.
- Output power: 60W max. at 22°C per output
- Output frequency: 450KHz
- Ambient operating temperature: 10° to 40°C (50° to 104°F)
- Maximum enclosure temperature: 55°C (131°F)
- TUV approved, CE compliant



MFR-2241

MFR-2200 series soldering and rework systems provide a high power, flexible solution for production soldering, touch-up soldering and SMD rework. Features dual output capability which allows the user to select operation of one handpiece or two handpieces simultaneously. One or two handpiece operation is easily chosen via a front panel three-position switch. If dual-output power unit contains two separate power supplies providing full power for each handpiece that is in use. These high-powered systems can perform lead-free soldering, as low as 600°F, resulting in longer tip life.

Select System with One or Two Active Handpieces

Dual-output system **mfg. part no. MFR-2240** includes one **mfg. part no. MFR-H4-TW** precision tweezers handpiece and one **mfg. part no. MFR-WSPT** workstand with sponge and lead-free brass pad. Dual-output system **mfg. part no. MFR-2241** includes the same components as **mfg. part no. MFR-2240** plus one **mfg. part no. MFR-H1-SC** soldering cartridge handpiece and one **mfg. part no. WS1** auto-sleep workstand with sponge and lead-free brass pad. The precision tweezers handpiece is ideal for rework of SMD components and uses TFP series tip cartridges; ordered separately below. A wide assortment of SFP series soldering and RFP series rework tip cartridges for **mfg. part no. MFR-H1-SC** soldering cartridge handpiece are available; order separately on page 1994.

For increased flexibility **mfg. part no. MFR-H2-ST** soldering tip handpiece, ordered separately below, is perfect for high-power production soldering environments and can be used with these systems. Choose from a wide assortment of SFV series high-power production soldering tips; order separately on pages 1994-1995.

Mfg. Part No.	Description	Stock No.	Price Each
● MFR-2240	Tweezers Soldering and Rework System: 1 MFR-PS2200 Dual-Output Power Unit, 1 MFR-H4-TW Precision Tweezers Handpiece, 1 MFR-WSPT Workstand	01N5088	581.86
● MFR-2241	Tweezers Soldering and Rework System: 1 MFR-PS2200 Dual-Output Power Unit, 1 MFR-H4-TW Tweezers with Workstand, 1 Cartridge Soldering Handpiece with Auto-Sleep Workstand	01N5089	723.92

➔ CONTINUED ➔

MFR-2240 AND MFR-2241 DUAL-OUTPUT PRECISION TWEEZERS, SOLDERING AND REWORK SYSTEMS (CONT.)

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
● MFR-PS2200	Dual Simultaneous Output Power Supply Unit ONLY — 100-240VAC, 50/60Hz	01N5080	363.84
● MFR-H1-SC	Soldering Cartridge Handpiece	01N5076	89.66
● MFR-H2-ST	Soldering Tip Handpiece	01N5077	89.66
● MFR-H4-TW	Tweezers Cartridge Handpiece	01N5078	208.38
● WS1	Auto-Sleep Workstand with Black Cradle, Sponge and Brass Pad	22M4770	62.55
● WS1G	Auto-Sleep Workstand with Green Cradle, Sponge and Brass Pad	26M8648	62.55
● MFR-WSPT	Tweezers Workstand with Black Cradle, Sponge and Brass Pad	66K6699	62.55
● MFR-UK1	Upgrade Kit — MFR-H1-SC Soldering Cartridge Handpiece and WS1 Auto-Sleep Workstand	01N5081	123.37
● MFR-UK2	Upgrade Kit — MFR-H2-ST Soldering Tip Handpiece and WS1 Auto-Sleep Workstand	01N5082	123.37
● MFR-UK4	Upgrade Kit — MFR-H4-TW Tweezers Cartridge Handpiece and MFR-WSPT Workstand	01N5083	237.92
● AC-BP	Lead-Free Brass Pads for Workstand, Pkg. of 10	03M6022	9.32
● AC-CP2	Soldering Cartridge and Tip Removal Pads, Pkg. of 2	91F5873	6.45
● AC-BRUSH-P	Soft-Brass Cleaning Brush, Pkg. of 6	76K1432	51.55
● AC-IK	Interlocking/Mounting Kit	66K6633	9.39
● MFR-PM70	Power Meter, 0-70W Scale	01N5079	80.10

TFP SERIES STANDARD HEAVY-DUTY TWEezer CARTRIDGES — SOLD IN PAIRS

Mfg. Part No.	Tip Style	Tip Thickness (in.)	Tip Width (in.)	Stock No.	Price per Pair
● TFP-BLH3	Knife	0.08	0.55	66K6739	64.99

(85799)

MFR-SDI and MFR-SDX SOLDERING, DESOLDERING AND REWORK SYSTEMS



- Cover all soldering, desoldering and rework needs
- SmartHeat® technology makes thru-hole desoldering easy and safe
- Desoldering hand-piece adjusts from pencil to gun by pressing a button
- Quick-change paper solder collection chamber and filter system
- Ambient operating temperature: 10-40°C
- Input line voltage: 100-240VAC, grounded circuit
- Input line frequency: 50/60Hz
- Power consumption: 90W max.
- Output power: 50W max. at 22°C ambient temperature
- Output frequency: 450KHz
- Agency tested per: IEC 60335-2-45 and UL499, FCC CFR Part 15
- Recommended air pressure input: 65PSI (**mfg. part no. MFR-SDX** shop air version only)



Choice of two soldering, desoldering and rework models: **mfg. part no. MFR-SDX** system requires shop air for desoldering, and if shop air is not available, **mfg. part no. MFR-SDI** features an internal pump that provides suction. These systems provide superior thermal transfer to the joint, effectively reflowing the solder and then quickly and efficiently removing all solder. Both models include a two-port universal voltage power supply, **mfg. part no. MFR-HSR** soldering and rework hand-piece, **mfg. part no. MFR-HDS** desoldering hand-piece, **mfg. part no. MFR-WSSR** soldering workstand and **mfg. part no. MFR-WSDS** desoldering workstand. **mfg. part no. MFR-HSR** soldering and rework hand-piece uses SFP series soldering and rework cartridges; order separately on page 1994. **mfg. part no. MFR-HDS** desoldering hand-piece uses DFP series desoldering cartridges; order separately on page 1996.

Mfg. Part No.	Description	Stock No.	Price Each
● MFR-SDI	Soldering, Desoldering and Rework System with Internal Air Pump	66K6694	943.49
● MFR-SDX	Soldering, Desoldering and Rework System, External Air	66K6695	877.97

ACCESSORIES

● MFR-HSR	Soldering and Rework Handpiece with 48" Long Cord	66K6690	90.95
● MFR-WSSR	Soldering Workstand	66K6700	63.45
● MFR-HDS	Convertible Pencil/Pistol-Grip Desoldering Hand-piece with 48" long Cord	66K6687	219.40
● MFR-WSDS	Desoldering Workstand	66K6698	62.55
● MFR-HDCA	Desoldering Coil Assembly	66K6686	80.73
● AC-CC	Solder Collection Chamber	66K6631	9.32
● AC-VL	ESD Air Hose with Fitting	66K6635	26.84
● DP-SL3	Front Seal	41B5223	9.08
● AC-BP	Lead-Free Brass Pads for Workstand, Pkg. of 10	03M6022	9.32
● AC-BRUSH-P	Soft-Brass Cleaning Brush, Pkg. of 6	76K1432	51.55
● AC-IK	Interlocking/Mounting Kit	66K6633	9.39

(85804)

SOLDERING STATIONS

MX-500 SERIES SMARTHEAT®
SOLDERING/SMT DESOLDERING
REWORK SYSTEMS

- Employ the patented SmartHeat® technology in delivering heat to the soldering or desoldering tip
- Power a wide variety of tips, providing for removal or attachment of the full range of SMT components
- Tip cartridges combine heating and sensing capabilities into a self-regulating cartridge with no electronics to calibrate
- Tip cartridges offer continuous temperature control with no maintenance, providing high soldering throughput at low temperatures for easy, fast, safe soldering and desoldering



Mfg. part no. MX-500S-11 includes two-port switch mode power supply with power cord, handpiece with cord, workstand, sponge, and cartridge removal pad.

MX-500TS-11

Mfg. Part No.	Stock No.	Price Each
● MX-500S-11	91F5868	672.53

Mfg. part no. MX-500TS-11 includes two-port switch mode power supply with power cord, two handpieces with cords, two workstands, two sponges, and two cartridge removal pads.

● MX-500TS-11	91F5869	1101.40
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Mfg. part no. MX-500DS-11 includes two-port switchable power supply with power cord, desoldering handpiece, desoldering cord, ESD air hose with fitting, handpiece with cord, workstand, two sponges, two cartridge removal pads, cleaning brush, tube cleaning brush, chamber liner and filter pack, and desoldering tip cleaner.

● MX-500DS-11	88F5891	1113.53
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ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
● MX-TALON-01	TALON Upgrade Kit	50B6148	405.54
● MX-D001	Desolder Upgrade Kit	76K1955	417.00
● MX-500P-11	2-Port Switch Mode Power Supply	53M8486	457.28
● MX-RM3E	Handpiece with Cord for MX-500S	91F5870	99.04
● MX-RM6E	Long-Reach Soldering Handpiece with CP2 for MX500	41B5524	140.74
● MX-TALON	Handpiece with Cord (Tweezers) for TALON MX-500TS	77M9250	307.54
● MX-PTZ	Precision Tweezer Soldering/Rework Handpiece for MX-500	95M8557	310.80
● MX-DS1	Desoldering Handpiece	41B5513	312.75
● MX-DCF1	Filter Pack for DS1 (Includes 15 Chamber Liners and 6 Fume Filters)	76K1952	20.80
● MX-DCF1L	Chamber Liners for DS1 (Sold in Pkg. of 40)	76K1954	30.61
● MX-DCF1F	Fume Filters for DS1 (Sold in Pkg. of 20)	02M2146	7.30
● MX-DAH4	ESA Air Hose with Standard Fitting	76K1951	31.28
● WST	Workstand with Sponge for TALON MX-500TS Soldering/Rework System	21M8515	62.55
● WS1	Workstand with Sponge for MX-500S Soldering/Rework System	22M4770	62.55
● AC-CP2	Cartridge Removal Pad	91F5873	6.45

(19827)

MFR-DSI AND MFR-DSX
DESOLDERING SYSTEMS

- SmartHeat® technology makes thru-hole desoldering easy and safe
- Hand-piece adjusts from pencil to gun by pressing a button
- Quick-change paper solder collection chamber and filter system
- Ambient operating temperature: 10- 40°C
- Input line voltage: 100- 240VAC, grounded circuit
- Input line frequency: 50/60Hz
- Power consumption: 90W max.
- Output power: 50W max. at 22°C ambient temperature
- Output frequency: 450KHz
- Agency tested per: IEC 60335-2-45 and UL499, FCC CFR Part 15
- Recommended air pressure input: 65PSI (Mfg. part no. MFR-DSX shop air version only)



Choice of two desoldering models: **mfg. part no. MFR-DSX** system requires shop air for desoldering, and if shop air is not available, **mfg. part no. MFR-DSI** features an internal vacuum pump. These systems provide superior thermal transfer to the joint, effectively reflowing the solder and then quickly and efficiently removing all solder. Both models include a two-port universal voltage power supply, **mfg. part no. MFR-HDS** desoldering hand-piece and **mfg. part no. MFR-WSDS** desoldering workstand. **Mfg. part no. MFR-HDS** desoldering hand-piece uses **DFP-CN** series desoldering cartridges; order separately below.

Mfg. Part No.	Description	Stock No.	Price Each
● MFR-DSI	Desoldering System with Internal Air Pump	66K6684	794.11
● MFR-DSX	Desoldering System, External Air	66K6685	801.45

ACCESSORIES

● MFR-HDS	Convertible Pencil/Pistol-Grip Desoldering Hand-piece with 48" long Cord	66K6687	219.40
● MFR-WSDS	Desoldering Workstand	66K6698	62.55
● MFR-HDCA	Desoldering Coil Assembly	66K6686	80.73
● AC-CC	Solder Collection Chamber	66K6631	9.32
● AC-VL	ESD Air Hose with Fitting	66K6635	26.84
● DFL-SL3	Front Seal	41B5223	9.08
● AC-BP	Lead-Free Brass Pads for Workstand, Pkg. of 10	03M6022	9.32

➤ CONTINUED ➤

MFR-DSI AND MFR-DSX DESOLDERING SYSTEMS (CONT.)

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
● AC-BRUSH-P	Soft-Brass Cleaning Brush, Pkg. of 6	76K1432	51.55
● AC-IK	Interlocking/Mounting Kit	66K6633	9.39

DFP SERIES DESOLDERING CARTRIDGES

Primarily for solder removal on thru-hole components, these desoldering tips are supplied in a range of diameters, as well as, in a long-reach configuration to allow improved access on tightly packed PCBs.

Mfg. Part No.	Description	Tip I.D. (in.)	Tip O.D. (in.)	Stock No.	Price Each
● DFP-CN2	Regular	0.026	0.07	66K6640	39.90
● DFP-CN3		0.031	0.08	66K6641	39.90
● DFP-CN4		0.041	0.09	66K6642	39.90
● DFP-CN5		0.052	0.104	66K6643	39.90
● DFP-CN6		0.061	0.112	66K6644	39.90
● DFP-CN7		0.096	0.143	66K6645	39.90
● DFP-CN13	Long Reach	0.031	0.08	66K6637	46.34
● DFP-CN14		0.041	0.09	66K6638	46.34
● DFP-CN15		0.052	0.104	66K6639	46.34

(85803)

DP SERIES
DESOLDERING PUMPSOK Industries
Division of Inard Industries Corp.

- Durable, Corrosion-Resistant Plastic Construction
- Precision Metal Plunger
- Fitted With Teflon® Tip

Made to exacting specifications and provides precise repeatable operation.



DPT-100 DPT-200 DP-100 DP-200 DP-140

Mfg. Part No.	Description	Stock No.	Price Each
● DP-140	Compact Desoldering Pump 8" Long	90B0556	15.26
● DP-100	High-Vacuum Desoldering Pump, 13" Long	16F043	24.19
● DP-200	High-Vacuum Desoldering Pump, ESD Safe, 13" Long	16F044	30.64
● DPT-100	1 Replacement Tip for Mfg. Part Nos. DP-100/DP-140	16F045	3.87
● DPT-200	1 Replacement Tip for Mfg. Part No. DP-200	16F046	6.45

(5970)

WD1000 SERIES SINGLE-CHANNEL
DIGITAL SOLDERING STATIONS
AND ACCESSORIES

WD1001



WTA50

Stations include **Mfg. Part No. WD1 85W Single-Channel Digital Power Unit:**

- Voltage: 120V input, 24V output
- 3 "radio buttons" allows user to preset frequently-used temperature settings
- Special function menu allows user to access 6 advanced features: Setback Time, Standby Temp., Temp. Lockout, F°/C° Switching, Temp. Offset, Auto-Off Time
- Large, high-contrast LCD display shows more information at a glance
- Temperature accuracy/stability: ±9°F (±5°C/±10°F (±6°C))
- Temperature range: 150°F to 850°F (50°C to 450°C)
- ESD-safe to protect sensitive components

Mfg. part no. WD1001 digital soldering station includes **mfg. part no. WD1 85W** single-channel power unit, **mfg. part no. WMP 65W** soldering micro-pencil, **mfg. part no. WDH20** soldering micro-pencil stand and **mfg. part no. NT1** soldering tip. **Mfg. part no. WMP** micro-pencil features a short tip-to-grip (37mm) distance putting user close to the work. Its heating element is built-in to the pencil rather than tip, using low-cost replacement tips. Select from a wide assortment of **NT series** tips for use with **mfg. part no. WMP** soldering micro-pencil; order separately below.

Mfg. part no. WD1002 digital soldering station includes **mfg. part no. WD1 85W** single-channel power unit, **mfg. part no. WP80 80W** soldering pencil with short tip-to-grip barrel (52mm), **mfg. part no. WDH10** soldering pencil stand and **mfg. part no. LTB** soldering tip. To work at a standard tip-to-grip length (65mm), order **mfg. part no. 0058744846** long tip retainer assembly separately; go online or call.

Mfg. part no. WD1002T digital soldering station includes **mfg. part no. WD1 85W** single-channel micro power unit, **mfg. part no. WP80 80W** soldering pencil with short tip-to-grip barrel (52mm), **mfg. part no. WDH10T** Stop+Go soldering pencil stand that extends tip life by placing station in setback mode when pencil is not in use, **mfg. part no. WDC2** dry cleaner and **mfg. part no. LTB** soldering tip. To work at a standard tip-to-grip length (65mm), order **mfg. part no. 0058744846** long tip retainer assembly separately; go online or call.

➤ CONTINUED ➤

SOLDERING STATIONS

WD1000 SERIES SINGLE-CHANNEL DIGITAL SOLDERING STATIONS AND ACCESSORIES (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
● WD1001	85W Single-Channel Micro Digital Soldering Station with 65W Soldering Micro-Pencil and WDH20 Soldering Pencil Stand	24K3775	313.95
● WD1002	85W Single-Channel Digital Soldering Station with 80W Short-Barrel Soldering Pencil and WDH10 Soldering Pencil Stand	86K9118	313.95
WD1002T	85W Single-Channel Digital Soldering Station with 80W Short-Barrel Soldering Pencil and WDH10T Stop + Go Soldering Pencil Stand	08N3482	349.65

ACCESSORIES

● WD1	85W Single-Channel Digital Soldering Station Power Unit	36K3087	196.35
WD2	160W Dual-Channel Digital Soldering Station Power Unit	24K3776	302.40
● WSP80	80W Soldering Pencil	83F4097	113.40
● WM-P	65W Soldering Micro-Pencil	01H8406	113.40
0051512199	WDH10 Soldering Pencil Stand for WSP80	67K2889	44.23
● 0051512299	WDH20 Soldering Micro-Pencil Stand for WMP	67K3182	45.42
● WTA50	Thermal Tweezer	20C5672	206.78

(84339)

WLC100 SOLDERING STATION

- Variable Power Control Produces 5-40 Watts
- Lightweight Pencil Iron
- Natural Sponge Tip Cleaning Pad
- Cushioned Foam Grip with Replaceable Heating Element
- Includes Mfg. Part No. ST3 Iron-Plated Copper Tip



Weller®

Mfg. Part No.	Stock No.	Price Each
WLC100	92F5084	55.63

(5855)

HIGH-END PERFORMANCE SOLDERING STATIONS AND ACCESSORIES

- Designed for Continuous Production Soldering
- Quick Heat-Up and Rapid Temperature Recovery
- ESD-Safe to Protect Sensitive Components
- Temperature Range: 350°F-850°F
- Slim, Comfortable Handpiece



Weller®

Wireless temperature lockout to prevent operators from raising the temperatures to levels higher than specified for the board or component. Allows process control.

WES51

Mfg. Part No.	Description	Stock No.	Price Each
WES51	50W, 120V, Electronic Station w/ETA Tip	92C1414	124.95
WESD51	50W, 120V Digital Soldering Station w/ETA Tip	94C3885	173.25
PES51	Soldering Pencil for Mfg. part no. WES51PU w/ETA Tip	94C1544	39.77
PH50	Soldering Stand and Sponge for mfg. part no. PES51	95B4551	19.13

(48777)

WTCPT CONTROLLED-OUTPUT SOLDERING STATION

- Unique Closed-Loop Method of Controlling Maximum Tip Temperature
- Quick-Disconnect Plug Allows for Fast Soldering Iron Changes
- ESD-Safe to Protect Sensitive Components
- Lightweight, 60W Soldering Iron
- Temperature Range: 600°F to 800°F; Range Determined by Tip Selection



Weller®

Mfg. Part No.	Description	Stock No.	Price Each
WTCPT	120V Temperature-Controlled Soldering Station	35F3309	156.45

WTCPT REPLACEMENT PARTS AND ACCESSORIES

TC201T	Soldering Pencil with Mfg. Part No. PTA7 Soldering Tip	35F2522	81.90
PH1201ESD	ESD Iron Stand Assembly	95F3797	31.48
TC205	Replacement Sponge for PH Series Iron Stands	34F1030	1.52
EC234	Heater Assembly for mfg. part no. TC201T Iron	90F6541	22.10

(5994)

WHA900 HOT-AIR REWORK STATION AND ACCESSORIES



Weller®



WHA900



Hot-Air Nozzle Rack

- Controlled output maintains set temperature regardless of air flow setting
- User-selected temperature and air flow setback
- Temperature offset control fine-tunes the hot air temperature at the tip
- Standby button to power-down to low settings when not in use
- Air from internal pump is infinitely adjustable from 5 L/min. to 50 L/min.
- Adjustable hot-air temperature from 122°F to 1022°F (50°C to 550°C)
- ESD safe

Mfg. part no. WHA900 hot-air rework station with internal pump is ideal for safe removal of larger, high lead-count SMD components and is capable of handling numerous other hot-air applications. Features closed-loop temperature feedback control that maintains the temperature at the nozzle, independent of the airflow rate. Includes rework station, 7.625" L hot-air pencil hand-piece and a rest support for hand-piece. Current supply: 120V / 24V. Power consumption: 750W. Hot-air pencil hand-piece output: 650W. Compact design maximizes workspace efficiency — station unit size: 8.125L x 6.625W x 4.25"H. Order hot-air nozzles and hot-air nozzle rack separately below.

Mfg. Part No.	Description	Stock No.	Price Each
WHA900	Hot-Air Rework Station	63M0050	539.81

ACCESSORIES

Mfg. Part No.	Description	Size	Stock No.	Price Each
0058736881	Round Hot-Air Nozzle (No Vacuum)	0.098" I.D.	01C2581	68.55
0058736867	Round Hot-Air Nozzle (No Vacuum)	0.157" I.D.	01C2674	68.55
0058736870	Round Hot-Air Nozzle (No Vacuum)	0.276" I.D.	01C2679	68.55
0058736883	Round Dual Hot-Air Nozzle (No Vacuum)	0.098" I.D.	01C2682	68.55
0058736839	4-Sides Heated Hot-Air Nozzle	0.433 x 0.433 "	30C2393	68.55
● 58736814	4-Sides Heated Hot-Air Nozzle	0.709 x 0.709 "	26M8392	71.41
0058736807	4-Sides Heated Hot-Air Nozzle	0.807 x 0.807 "	30C2390	71.41
0058736833	4-Sides Heated Hot-Air Nozzle	1.26 x 1.26 "	19C0431	89.56
0058736838	4-Sides Heated Hot-Air Nozzle	0.394 x 0.571 "	23C6759	68.55
0058750721	4-Sides Heated Hot-Air Nozzle	0.669 x 0.925 "	20C6320	59.38
0058736840	2-Sides Heated Hot-Air Nozzle	0.583 x 0.846 "	18C5510	68.55
0058736842	2-Sides Heated Hot-Air Nozzle	0.394 x 0.551 "	20C6324	68.55
● 58736843	2-Sides Heated Hot-Air Nozzle	0.421 x 0.421 "	26M8393	68.55
0058736841	2-Sides Heated Hot-Air Nozzle	0.472 x 0.748 "	18C5509	68.55
0051504899	Hot-Air Nozzle Rack (Nozzles Not Included)		32H1877	47.46

(108765)

DIGITAL SHOP AIR DESOLDERING STATION



Weller®

- 80 watts of power for faster heat up and better performance
- For safely and efficiently removing through hole components from PCBs
- Microprocessor circuitry automatically recognizes other accessories
- Uses fast-response shop air
- Vacuum delay feature prevents clogging



Mfg. part no. WDD81X shop air desoldering station includes 95W power unit, mfg. part no. DXV80 desoldering pencil with internal disposable solder collection tube, mfg. part no. DX112 desoldering tip and desoldering pencil stand with sponge. Temperature range: 150° F to 850° F. Air flow volume: 35 liters/minute. Uses DX series threadless desoldering tiplets and is programmable using mfg. part no. WCB1 control module, all ordered separately; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each
● WDD81X	Digital Shop Air Desoldering Station	30K6470	668.85

(48780)

DESOLDERING PUMPS AND ACCESSORIES



Weller®

Pumps remove solder manually. Lightweight, easy to operate.



Mfg. Part No.	Description	Stock No.	Price Each
7874B	Desolder Pump, 0.07" Tip, Antistatic	87F682	27.75
7880	Desolder Pump, 0.12" Tip	90F5881	28.97
7881	ESD Desoldering Pump	90F5882	39.75
7875B	Replacement Tip for Mfg. part no. 7874B	32F1009	5.90
● 7883	Replacement Tip for Mfg. part no. 7881	90F5884	10.07

(5911)

SOLDERING STATIONS

7805
DESOLDERING
BULB

Weller®

Tip made of heat-resistant material which will not scratch PC boards.

Mfg. Part No.	Stock No.	Price Each
7805	32F975	12.19

(5912)

VACUUM
PICK-UP PEN

Weller®

Designed for handling SMT components. Light and easy to use. Durable steel case with pocket clip.

Mfg. Part No.	Stock No.	Price Each
WLSK200	92B0440	62.96

(48785)

WHA3000 SERIES DIGITAL 700W
HOT-AIR STATIONS WITH BUILT-IN
TURBINE

Weller®

- Programmable station with a three-step temperature time profile
- Hot-air pencil has automatic vacuum pickup for easy component removal
- Bright LCD display for easy reading of the parameter settings
- Temperature range: 122°F - 1022°F (50°C - 550°C)
- Control accuracy: +/- 77°F (+/- 25°C)
- ESD-safe housing and pencil



WHA3000P

Mfg. part nos. **WHA3000P** and **WHA300PS** hot-air stations perform demanding repair tasks on circuit boards with complex fine-pitch surface mounted components. The advanced control technology coupled with user friendly operation, provides process control. The sophisticated automatic operation mode provides repeatability of the process and increases productivity and quality. Mfg. part no. **WHA3000PS** features standby mode to reduce the nozzle temperature and air flow rate. The unit switches into standby mode when the head is swiveled. Lever lowers or raises head in the "Z" direction. The heating plate heats up the components from below to the correct temperature. Both models come complete with mfg. part no. **HAP3** hot-air pencil, two-stage foot switch, mfg. part no. **NQ30** hot-air nozzle, mfg. part no. **AKT30** Stop-and-Go stand, nozzle change tool, and mfg. part no. **WHA** control software.

Mfg. Part No.	Description	Stock No.	Price Each
WHA3000P	Digital 700W Hot-Air Station with Built-In Turbine	96H8432	1995.00
● WHA3000PS	Digital 700W Hot-Air Station with Built-in Turbine and Standby Mode	09J1426	5386.50

(84524)

WRS3000VX SERIES DIGITAL SELF-
CONTAINED MULTI-FUNCTION
REWORK STATION

Weller®

- 300 watts of total power over three independently controlled channels
- Allows use of up to three tools simultaneously
- Microprocessor with digital readout for complete accuracy
- Built-in rotary vane pump provides air and vacuum
- Vacuum delay function prevents clogging
- Lockout key for set function parameters
- Timer function for stand-by and hot air flow
- Temperature set-back programmable from 5 to 60 minutes
- Ionizing circuit provides static-free hot-air
- Air flow volume: 1 l/min. - 10 l/min.
- Temperature range: 150° to 850°F



This versatile rework station is engineered to handle professional repairs. Includes mfg. part no. **WRS3000** digital, self-contained, triple-channel rework station, mfg. part no. **0051318099** 80W inline desoldering pencil, mfg. part no. **WSP80** 80W soldering pencil, two tool support stands, disposable solder cartridges, one mfg. part no. **DX112** threadless desoldering tiplet and one mfg. part no. **LTB** 0.094" x 0.43" chisel soldering tip. Order replacement mfg. part no. **0051318099** 80W inline desoldering pencil separately below. A wide range of tips and nozzles are available; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each
● WRS3000VX	Digital Self-Contained 2 Function Rework Station with Tools	30K6482	1295.00
● 0051318099	80W Inline Desoldering Pencil	30K6467	202.65

(6527)

MULTIFUNCTION
REWORK STATIONS

Weller®



Mfg. Part No.	Description	Stock No.	Price Each
● WSP80	80W Soldering Pencil	83F4097	113.40
● 0051318099	80W Inline Desoldering Pencil	30K6467	202.65
● WTA50	SMD Desoldering Tweezers	20C5672	206.78
● 0051504299	Support for WTA50 Thermal Tweezers AK51	25C6566	29.72
WCB1	Control Module for Silver Series Station	83F4099	198.25

(13727)

WR3000M DIGITAL SELF-CONTAINED
3-FUNCTION REWORK SYSTEM

Weller®



WR3000M

005155599
SMT Chip Removal Nozzle Kit

Rework on the Highest Level — Innovation Newly Designed

- 400 watts of power over 3 independently-controlled channels with automatic tool detection
- Air and vacuum ports allow use of up to 3 tools simultaneously
- Compatible with all high-speed micro-tools — **WMRP** and **WMRT**
- Powerful **HAP200** 200W hot-air pencil for efficient, lead-free rework
- USB port allows use of included comprehensive PC software for monitoring, parameterizing and datalogging
- **WRK** rework desoldering set allows components removal up to 30 x 30mm
- **WVP** vacuum pen allows easy handling of components
- Large, intuitive LCD display shows critical functions for 3 channels

WR3000M DIGITAL SELF-CONTAINED 3-FUNCTION REWORK SYSTEM — COMPLETE WITH SELECT TOOLS AND ACCESSORIES

Mfg. part no. **WR3000M** rework system includes mfg. part no. **WR3M** digital, self-contained 3-function 400W rework station control unit, **HAP200** 200W hot-air pencil with nozzle adapter and **WDH30** hot-air pencil stand with sponge, **DXV80** 80W desoldering pencil and **WDH40** desoldering pencil stand with sponge, **WP80** 80W micro-soldering pencil with **WDH10T** "Stop-and-Go" soldering pencil stand with sponge, **WVP** vacuum pick-up pen, **WDC2** attachable soldering tip dry cleaner, 1.2mm and 3.0mm hot-air nozzles, 2.3mm and 2.5mm desoldering nozzles, nozzle replacement tool, desoldering cleaning tools, brush and spare filters, color-coded clips for easy tool identification, CD with USB software and USB cable. Rework station features rotary vane pump. Temperature range: 150° F to 850° F (variable in one degree increments). Controllable temperature range is tool-dependent. Air flow volume: 1 liter/minute to 15 liters/minute. Voltage: 120V, 60Hz. All tool handles, cord sets and air flow are static free.

Mfg. Part No.	Description	Stock No.	Price Each
WR3000M	Digital Self-Contained 3-Function Rework System	50M8790	1899.00

CUSTOMIZE-A-SYSTEM — SELECT ONLY THE COMPONENTS, TOOLS AND ACCESSORIES NEEDED

WR3M DIGITAL, SELF-CONTAINED 3-FUNCTION REWORK STATION — CONTROL UNIT ONLY

Mfg. part no. **WR3M** digital, self-contained, 3-function rework station is specifically designed to the needs and requirements of professional repairs to latest-technology electronic sub-assemblies in industrial production engineering and in the repair and laboratory fields. Features three independent tool channels with automatic tool detection for the simultaneous operation of three soldering tools. Station comes with adapter for use with **HAP200** 200W hot-air pencil, ordered separately below, CD with USB software and USB cable. Size: 10.75"L x 9.25"W x 4.02"H. Select from a wide array of rework tools and accessories, ordered separately below, and create a "made-to-order" rework system.

Mfg. Part No.	Description	Stock No.	Price Each
WR3M	Digital Self-Contained 3-Function Rework Station	54A4664	1265.65

HOT-AIR TOOL SETS, NOZZLES AND ACCESSORIES

Mfg. part no. **0052711799** HAP200 hot-air tool set includes **HAP200** 200W hot-air pencil with finger switch to control pump speed, 1.2mm and 3.0mm nozzles, adapter and **WDH30** hot-air pencil stand with sponge. For **HAP200** hot-air pencil only, order mfg. part no. **0052711699** separately below. Mfg. part no. **0053311499** HAP1 hot-air tool set includes **HAP1** 100W hot-air pencil with finger switch to control pump speed, 1.2mm and 3.0mm nozzles and **WDH30** hot-air pencil stand with sponge. Order hot-air nozzles separately below.

0052711799	HAP200 200W Hot-Air Tool Set with WDH30 Stand	58M1917	313.95
0052711699	HAP200 200W Hot-Air Pencil Only	55M4639	275.10
0053311499	HAP1 100W Hot-Air Tool Set with WDH30 Stand	58M1918	219.45

Mfg. part no. **0051515599** WRK SMT chip removal nozzle kit contains nine progressively-size nozzles to facilitate soldering and desoldering of SMT components up to 30x30mm. This 9-pc. nozzle set is for use with **HAP200** hot-air pencil; ordered separately above. Mfg. part no. **0051515499** ESD-safe, stainless steel stand is ideal for storing all nine nozzles that come with the **WRK** SMT chip removal kit; ordered separately below. Select from three different SMT quad chip removal nozzle sets, ordered separately below. These nozzle sets are for use with **HAP200** hot-air pencil; ordered separately above, and include the **WVP** vacuum pick-up pen for easy manual handling of SMD components and other small parts. For the **WVP** ESD-safe, vacuum pick-up pen only, order mfg. part no. **0052918499** separately below. To fit nozzles for the **HAP1** hot-air pencil to the **HAP200** hot-air pencil, order mfg. part no. **0058761728** hot-air nozzle adapter separately below.

Mfg. Part No.	Description	Stock No.	Price Each
0051515599	WRK SMT Chip Removal Nozzle Kit	52M8403	315.00
0051515499	WRK SMT Nozzle Storage Stand	58M1914	81.90

➔ CONTINUED ➔

SOLDERING STATIONS

WR3000M DIGITAL SELF-CONTAINED 3-FUNCTION REWORK SYSTEM (CONT.)

HOT-AIR TOOL SETS, NOZZLES AND ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
0058761730	2-Pc. SMT Quad Nozzle Set — 33x33 and 24x24mm Wide	58M1920	91.35
0058761731	2-Pc. SMT Quad Nozzle Set — 27x27 and 20x20mm Wide	58M1921	91.35
0058761732	4-Pc. SMT Quad Nozzle Set — 18, 15.5, 12.5 and 10mm Wide	58M1922	91.35
0052918499	WMP Vacuum Pick-Up Pen	55M4647	64.57
0058761728	Hot-Air Nozzle Adapter	50M8789	12.60

DESOLDERING TOOL SETS AND TIPS

Mfg. part no. 0051318399 DSX80 desoldering tool set includes DSX80 80W desoldering pencil with external solder collection chamber, two desoldering nozzles, cleaning tool, glass collector, gasket, anti-bloc paste, filter and WDH30 desoldering pencil stand with sponge. For DSX80 80W desoldering pencil only, order **mfg. part no. 0051319099** separately below. Use the patented **X series** threadless desoldering tips, ordered separately below.

Mfg. Part No.	Description	Stock No.	Price Each
0051318399	DSX80 80W Desoldering Tool Set with WDH30 Stand	58M2800	267.75
0051319099	DSX80 80W Desoldering Pencil Only	58M2801	225.75
0051315099	DX113HM High-Mass Threadless Desoldering Tip — 0.098" O.D. x 0.906"L	58M1910	17.32
0051314799	DX117 Threadless Desoldering Tip — 0.114" O.D. x 0.906"L	58M2794	13.07
0051314899	DX118 Threadless Desoldering Tip — 0.059" O.D. x 0.906"L	58M2795	13.07
0051315199	DX119 Threadless Desoldering Tip — 0.043" O.D. x 1.22"L	58M2796	13.07
0051315299	DX120 Threadless Desoldering Tip — 0.098" O.D. x 0.866"L	58M2797	13.07

Mfg. part no. 0051318299 DXV80 desoldering tool set includes DXV80 80W desoldering pencil with internal solder collection chamber, desoldering nozzles and WDH40 desoldering pencil stand with sponge. Order the patented **X series** threadless desoldering tips separately above.

0051318299	DXV80 80W Desoldering Tool Set with WDH40 Tool Stand	58M2799	256.20
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SOLDERING TOOL SETS

Mfg. part no. 0052918199 WP80 soldering tool set includes WP80 80W soldering pencil with short "tip-to-grip" design (52mm working length), LTB soldering tip and WDH10 soldering pencil stand with sponge. **Mfg. part no. 0053313199** MPR80 antistatic Peritronic soldering tool set includes MPR80 80W ESD-safe Peritronic soldering pencil that increases visibility for making intricate connections, LTB soldering tip and KH25P soldering pencil stand with sponge.

Mfg. Part No.	Description	Stock No.	Price Each
0052918199	WP80 80W Short "Tip-to-Grip" Soldering Tool Set with WDH10 Stand	58M2804	147.00
0053313199	MPR80 80W Peritronic Soldering Tool Set with KH25P Stand	58M1919	157.50

Mfg. part no. 0053315999 WMP micro-soldering tool set includes WMP 65W micro-soldering pencil with heater in handle and extremely short "tip-to-grip" working distance, NT1 soldering tip and WDH20T "Stop-and-Go" soldering pencil stand with sponge. **Mfg. part no. 0052917999** WMP micro-soldering tool set comes with the same components as **mfg. part no. 0053315999** set except with the WDH20 soldering pencil stand with sponge.

0053315999	WMP 65W Short "Tip-to-Grip" Micro-Soldering Tool Set with WDH20T "Stop and Go" Stand	58M2806	189.00
0052917999	WMP 65W Short "Tip-to-Grip" Micro-Soldering Tool Set with WDH20 Stand	58M2803	147.00

STANDS AND ACCESSORIES

Mfg. part no. 0051512599 WDH30 stand with sponge for holding HAP1, HAP200, DSX80 or WSP150 tools. **Mfg. part no. 0051515399** WDH40 stand with sponge for holding DSV80 desoldering pencil. **Mfg. part no. 0051516199** WDH10T "Stop-and-Go" stand with sponge for holding WP80 or WSP80 soldering pencils. **Mfg. part no. 0051516299** WDH20T "Stop-and-Go" stand with sponge for holding WMP soldering pencil. **Mfg. part no. 0051515699** WDH50 stand with sponge for holding WMRP soldering pencil. **Mfg. part no. 0051503399** KH25P stand with sponge for holding MPR80 Peritronic soldering pencil. **Mfg. part no. 0051512599** WDC2 attachable soldering tip dry cleaner retrofits into WDH stands and includes metal wool for gentle cleaning of lead-free solder. Also available is **mfg. part no. WDC** free-standing soldering tip dry cleaner with metal wool. **Mfg. part no. 0051350099** cleaning tool is ideal for cleaning desoldering nozzles. **Mfg. part no. 0051303199** soldering tip tinner/activator is environmentally-safe, works fast to regenerate oxidized tips and will prolong tip life with regular use.

Mfg. Part No.	Description	Stock No.	Price Each
0051512599	WDH30 Hot-Air Pencil Stand with Sponge	58M1912	43.31
0051515399	WDH40 Desoldering Pencil Stand with Sponge	58M1913	69.30
0051516199	WDH10T Stop-and-Go Iron Stand with Sponge	55M6393	81.90
0051516299	WDH20T "Stop-and-Go" Soldering Pencil Stand with Sponge	58M1916	81.90
0051515699	WDH50 Soldering Pencil Stand with Sponge	58M1915	91.35
0051503399	KH25P Peritronic Soldering Pencil Stand with Sponge	58M1911	28.87
0051350099	Desoldering Nozzle Cleaning Tool	81C8875	15.43
0051512599	WDC2 Attachable Soldering Tip Dry Cleaner	55M4510	12.60
● WDC	Free-Standing Soldering Tip Dry Cleaner	34M8975	16.80
0051303199	Soldering Tip Tinner/Activator	58M1909	8.40

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DESOLDERING PUMPS

DURATOOL

- External diameter: 0.78"
- Length: 7.64"
- Tip hole diameter: 0.13"



SD01154

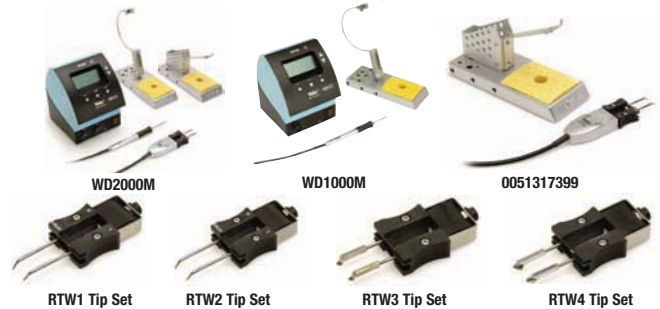
Mfg. Type No.	Description	Stock No.	Price Each
SD01154	Aluminum Desoldering Pump	01N3629	1.90

(116757)

MICRO DIGITAL REWORK/SOLDERING STATIONS AND ACCESSORIES



Weller®



- Designed for fine pitch, high-density SMT soldering and rework
- 3 "radio buttons" allows pre-set of frequently used temperature settings
- Setback, lockout, temp. window, F/C switching, standby, auto-off time
- Large high-contrast LCD display shows more information at a glance
- "Tip-to-Grip" distance of the soldering pencil is just 45mm
- Tweezers utilize a tip cartridge that is always in alignment
- Tweezers are automatically switched off when placed in **mfg. part no. WMRT** support stand
- ESD-safe to protect sensitive components

Mfg. part no. WD2000M dual-channel micro digital rework/soldering station uses **mfg. part nos. WMRP** soldering micro-pencil and **WMRT** micro desoldering tweezers simultaneously. Station includes **mfg. part no. WD2** 160W dual-channel power unit, **mfg. part no. WMRP** soldering micro-pencil with **mfg. part no. WMRH** soldering pencil stand and **mfg. part no. WMRT** SMD desoldering tweezers with **mfg. part no. WMRT** tweezers support stand. **Mfg. part no. WMRP** micro-pencil is chrome-plated aluminum and features an auto-off switch. Its short tip-to-grip (45mm) distance putting user close to the work. Select from **RT series** soldering tips, **WMRT series** micro desoldering tweezers sets and **RTW series** tweezers tip sets; ordered separately below.

Mfg. part no. WD1000M single-channel micro digital rework/soldering station includes **mfg. part no. WD1** 85W single-channel power unit, **mfg. part no. WSRP** 40W soldering micro-pencil and **mfg. part no. WMRT** soldering pencil stand. **Mfg. part no. WMRP** micro-pencil is chrome-plated aluminum and features an auto-off switch. Its short tip-to-grip (45mm) distance putting user close to the work. Select from **RT series** soldering tips; ordered separately below.

Mfg. Part No.	Description	Stock No.	Price Each
● WD2000M	160W Dual-Channel Micro Digital Rework/Soldering Station	84K0488	908.25
● WD1000M	85W Single-Channel Micro Digital Rework/Soldering Station	84K0486	523.95

REPLACEMENT ACCESSORIES

● WD2M	160W Dual-Channel Micro Digital Rework/Soldering Power Unit	84K0487	346.50
● WD1M	85W Single-Channel Micro Digital Rework/Soldering Power Unit	84K0485	245.70
● 0052917199	WMRP Soldering Micro-Pencil	24K3757	123.90
0051515699	WDH50 Soldering Pencil Stand with Sponge	58M1915	91.35

RT SERIES SOLDERING TIPS

RT series soldering tips are specially designed for micro-soldering tasks and microscope workstations. They can also be used with lead-free solder. Changing soldering tips is quick, easy and requires no tools. Just pull out the old tip, insert the new one, and continue soldering. The heating element is built into the tip, delivering heat quickly and precisely to the soldering joint. Length/reach: 1.654" (0.42mm).

Mfg. Part No.	Description	Stock No.	Price Each
● RT - 1	Needle Tip	24K3763	39.24
● RT - 2	Point Tip, 0.016" (0.41mm) Thick	24K3764	39.24
● RT - 3	Chisel Tip, 0.051" (1.3mm) Thick, 0.016" O.D.	24K3765	39.24
● RT - 4	Chisel Tip, 0.059" (1.5mm) Thick, 0.016" O.D.	24K3766	39.24
● RT - 5	30° Bent Chisel Tip, 0.031" (0.79mm) Thick, 0.016" O.D.	24K3767	39.24
● RT - 6	45° Beveled Round Tip, 0.047" (1.19mm) Thick	24K3768	39.24
● RT - 7	45° Knife Tip, 0.110" (2.8mm) Thick	24K3769	41.21

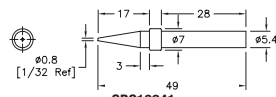
MICRO DESOLDERING TWEezer SETS, TIP SETS AND SUPPORT STAND

Mfg. Part No.	Description	Stock No.	Price Each
0051317399	WMRT Micro SMD Desoldering Tweezers Set with WMRT Stand and RTW2 Tip Set	84K0490	387.38
0051317299	WMRT Micro SMD Desoldering Tweezers with RTW2 Tip Set	84K0489	294.66
0051514699	WMRT Support Stand for WMRT Micro Desoldering Tweezers	84K0491	94.18
● 0054465199	RTW1 Tweezer Tip Set — Tip Width O.D. 0.008"/2mm	84K0492	82.41
● 0054465299	RTW2 Tweezer Tip Set — Tip Width O.D. 0.028"/0.7mm	84K0493	81.32
● 0054465399	RTW3 Tweezer Tip Set — Tip Width O.D. 0.118"/3mm	84K0494	97.79
● 0054465499	RTW4 Tweezer Tip Set — Tip Width O.D. 0.236"/5.99mm	84K0495	97.79

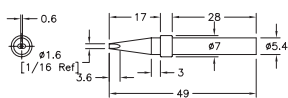
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SOLDERING STATIONS • SOLDERING IRONS

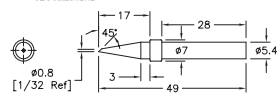
ADJUSTABLE TEMPERATURE-CONTROLLED SOLDERING STATION



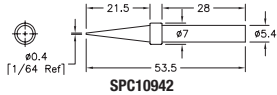
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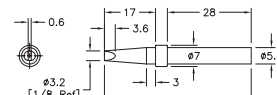
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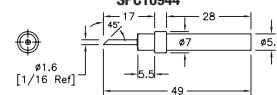
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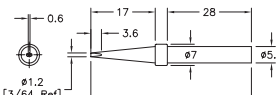
SPC10942



SPC10944



SPC10946



SPC10945

Digital display for temperature control. Adjustment range from 320°F-900°F (160°C-480°C). Temperature control can also be set for accurate operation. Features voltage of 110/120VAC, power consumption of 48W, heater operation voltage of 24VAC. CE compliant, TÜV approved.

Mfg. Part No.	Stock No.	Price Each
4004	84N1044	1-9
		144.91

REPLACEMENT TIPS

Mfg. Part No.	Description	Stock No.	Price Each
SPC10946	1/16" Tip	29C7727	1-9
			1.99

(32970)

GT-33Q SOLDER STATION



- Will reach a temperature of 300°C/570°F within 20 seconds.
- Calculates and matches power to tip size.
- The tip temperature can be password protected ensuring a consistent soldering temperature.
- Auto-idle prolongs the life of the soldering tip.



Mfg. Type No.	Dimensions LxWxH (in.)	Temperature Range (°C)	Stock No.	Price Each
SPC22156	6.3 x 5.1 x 3.9	50-600	20M4950	367.13

(89766)

SOLDER SUCKER



Easy to operate. Cleans solder instantly. Made of aluminum and plated with a special metal. Tip is replaceable.

Mfg. Part No.	Stock No.	Price Each
4005	84N1045	1-9
		6.58

(32971)

INDUSTRIAL AND HEAVY-DUTY SOLDERING IRONS WITH PARAGON® TIPS



- Ni-Chrome Wire, Compression-Wound on a Steel Spool Results in Long Element Life
- Paragon® Ironclad, Plug-Style Tips Outlast Ordinary Tips Many Times Over
- Hardwood Handle with Rubberoid Finish Provides Both Durability and Comfort



Mfg. Part No.	Description	Stock No.	Price Each
3125-120-60	60W Industrial Soldering Iron, 1/4" Tip, 850°F	21M3078	112.63
3138 120-100	100W Heavy-Duty Soldering Iron, 3/8" Tip, 855°F	21M3081	166.39
3138 120-150	150W Heavy-Duty Soldering Iron, 3/8" Tip, 1010°F	21M3082	166.39
3158 120-200	200W Heavy-Duty Soldering Iron, 5/8" Tip, 1000°F	21M3083	230.39
3178120300	300W Heavy-Duty Soldering Iron, 7/8" Tip, 1000°F	21M3084	294.39
3198-120-550	550W Heavy-Duty Soldering Iron, 1 1/8" Tip, 1010°F	98B2996	383.99

REPLACEMENT PARAGON® SOLDERING TIPS

Other soldering tip styles available, go online or call.

Mfg. Part No.	Description	Fits Soldering Iron Models	Stock No.	Price Each
43C	Chisel Tip, 3/8 x 4 3/8"	3138	32F1387	17.91
43D	Diamond Tip, 3/8 x 4 3/8"	3138	32F1388	17.91
44C	Chisel Tip, 5/8 x 4 1/16"	3158	21M3219	39.67
44D	Diamond Tip, 5/8 x 4 1/16"	3158	21M3220	39.67
45C	Chisel Tip, 1/2 x 5 5/8"	3178	21M3221	72.95
45D	Diamond Tip, 1/2 x 5 5/8"	3178	21M3222	72.95

(5859)

SOLDERING IRONS AND SPECIALTY TOOLS



- High-Capacity Battery Provides Up To 30 Minutes of Continuous Soldering
- Full Recharge in 4 Hours
- LED Charging Indicator Light
- Solders More Than 200 Electronic Joints Per Recharge
- 7904 Kit Includes: Power Pro Iron, Charging Stand, Type 7933 Battery, Types 7577 and 7545 High-Efficiency Tips
- Recharges Completely in 3 to 4 1/2 hours
- Solders Up To 125 Electronic Joints Per Recharge
- Withstands High-Rate Charging Without Damage
- 7700 Kit Includes: Quick Charge Iron, Charging Stand, Type 7733 Battery, Types 7545 and 7546 Tips



- Fully Recharges in 1 Hour
- Energy-Saving Trickle-Charging Rate When Battery Is Full
- Solders Up To 125 Electronic Joints Per Charge
- 7800 Kit Includes: "60" Pro-Charge Iron, Charging Stand, Type 7833 Battery, Types 7577 and 7545 Tips

ISO-Tip rechargeable soldering irons are the preferred irons of professionals, craftsmen and hobbyists. The cordless iron design makes soldering work much easier without the limitations of a cord. Choose from a full line of lightweight, rechargeable irons offering options for charging, heating time and interchangeable tips. Units operate on direct current and when used with "isolated" tips, there is no chance of damage or leaks due to electrical current. These 25W irons reach a tip temperature of 900°F in less than 10 seconds. Replaceable NiCad batteries are included. All models feature a convenient work light.

7904 POWER PRO SOLDERING IRON

Mfg. Part No.	Description	Stock No.	Price Each
7904	Power Pro Kit	96F6869	98.33
7952-100	Power Pro Iron Only	52F9314	77.22
7933	Battery	52F9319	27.54

7700 ISO-TIP QUICK CHARGE SOLDERING IRON

7750	Quick Charge Iron Only	44F6646	53.82
7728-100	Recharger	44F6645	20.64
7733	Battery	66F1221	21.29

7800 ISO-TIP "60" PRO-CHARGE SOLDERING IRON

7800/7840	"60" Pro-Charge Kit	44F6635	104.25
7850	"60" Pro-Charge Iron Only	44F6637	77.22
7833	Battery	83F3365	22.77

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Huge Expanded Selection of Semiconductors

Go online to find new technologies and proven solutions from world-class and specialist suppliers.

(148843)

SOLDERING IRONS

EC SERIES SOLDERING IRONS AND STANDS



Weller®



EC1201A



WTA50

ESD irons feature impact-resistant handle and stainless steel heater element. Additional soldering tips available; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5-24
EC1201A	40W General-Purpose Iron w/ETA Tip	93F2826	149.52	143.19
EC1302B	20W Micro-Soldering Iron w/EPH101 Tip	20C3110	149.52	143.19
● WTA50	Thermal Tweezers	20C5672	206.78	182.79

ESD SOLDERING IRON STANDS

Anti-static tool stand with base, sponge and receptacle.

PH1201ESD	For EC1201A, EC1201P, TC201T Irons	95F3797	31.48	30.16
PH1301ESD	For EC1301A, EC1302A Irons	95F3798	34.01	32.57
● 0051504299	For WTA50	25C6566	29.72	26.28

(5996)

STANDARD LINE SOLDERING HANDLES AND HEATING ELEMENTS



Weller®

- Ideal For Soldering Electronic Devices, PC Boards And Heavy Wiring
- Durable, Balanced Handles Feature Cool, "Soft Touch" Acid And Flux Resistant Grips
- Accept The Full Range Of Heaters And Integral Heater Tips Available Below
- All Handles And Heaters Are Interchangeable With The SL Series Of Complete Soldering Irons



7500

Heater for 1/4" Thread-on Tips
Typical length - 3.43", dia. - 0.364"

MODULAR SOLDERING IRON HANDLES

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
7500	3-Wire, Burn Resistant Cord	32F978	41.72
7400	3-Wire, Standard Cord	87F1628	27.05
7770	All Purpose, 2-Wire, Blue	33F030	18.94
7760	All Purpose, 2-Wire, Red	33F071	19.47

INTERCHANGEABLE HEATING ELEMENTS INTEGRAL HEATER/TIPS

● 533S	Long Taper Chisel, 23W, 800°F, Copper	33F647	26.34
1233S	Long Taper Chisel, 33W, 900°F, Copper	33F646	28.52
● 4033S	Long Taper Chisel, 45W, 1000°F, Iron Clad	33F086	36.44
33	Long Taper Chisel, 50W, 1100°F, Iron Clad	90F1355	46.50

HEATERS FOR 1/4" THREAD-ON TIPS

537S	23W, 700°F	32F977	24.67
1237S	33W, 800°F	33F678	26.92
4037S	45W, 900°F	33F677	29.53
37BK	50W, 1000°F	90F1356	41.96

HEATERS FOR 1/8" THREAD-IN TIPS

535S	23W, 700°F	33F081	27.71
1235S	33W, 800°F	33F085	27.71
● 4035S	45W, 900°F	26M8379	31.17

(5886)

COMPLETE IRONS FOR ELECTRONICS WORK

Weller®



SL325

- Ready-To-Use Professional Soldering Irons
- Feature Interchangeable Handles, Heaters And Tips
- Handles Are 3-Wire Grounded With Cool, "Soft Touch" Acid- And Flux-Resistant Grips
- UL Listed

Mfg. Part No.	Description	Stock No.	Price Each
			Each
SL325	23W, 700°F	87F1625	39.17
SL335	33W, 800°F	87F1626	53.53
SL345	45W, 900°F	87F1627	56.75

(5886)

SOLDERING IRONS

Weller®



SP-23LK



SP23L



SP40L



SP80L

- Feature On/Off Indicator Light
- Fine Quality Consumer Iron, Lightweight Pencil Style

- Heat and Impact Resistant Plastic Handle
- Can Handle a Wide Variety of Applications

Mfg. part no. SP-23LK kits includes: 25W soldering iron, 3 different pre-tinned 1/8" diameter tips, 4% resin core solder and soldering aid tool.

Mfg. Part No.	Description	Stock No.	Price Each
			Each
SP-23LK	Soldering Iron Kit	23C9175	17.83
SP23L	Soldering Iron Only	26C0724	12.58

Mfg. part no. SP40L is a 40W soldering iron with 1/4" diameter tip. Mfg. part no. SP80L is a 80W soldering iron with 3/8" diameter tip.

SP40L	40W	33C3180	17.83
SP80L	80W	25C4658	31.94

(5894)

INDUSTRIAL SOLDERING IRONS

Weller®



- These versatile irons feature interchangeable elements, allowing you to change wattage depending on the job
- Lightweight Handle With Cushion Grip

- Fitted with ST3 1/8" D Screwdriver Tip
- Mfg. part no. WP25 is 25W, Temperature to 750°F
- Mfg. part no. WP35 is 35W, Temperature to 850°F

Mfg. Part No.	Stock No.	Price Each
		1-4
WP25	33F175	47.07
WP35	34F1023	59.27

(5899)

CONTROLLED-OUTPUT SOLDERING IRONS

Weller®



W60P-3

- Uses Weller's "close-loop" method of controlling maximum tip temperature
- Temperature is controlled by the soldering tip — 600°, 700° or 800°F tips available

W60P series irons include 700°F 1/16" screwdriver blade tip. W100P series irons include 700°F 3/16" screwdriver blade tip. Mfg. part no. TCP12P is a 12V to 14Vt soldering tool for field servicing and includes 700°F 3/16" screwdriver blade tip, battery clips and power cord. UL listed. Additional tips for all these irons are available; go online or call.

Mfg. Part No.	W	Voltage	Stock No.	Price Each
				1-4
W60P	60	120	33F348	89.57
W60P-3*	60	120	35F3320	97.04
W100PG	100	120	33F349	72.96
W100P-3*	100	120	35F3330	94.85
TCP12P	—	12-14	34F1033	134.07

*Complete with 3-wire cord
(5900)

SOLDERING IRONS • SOLDERING TIPS

MFG. PART NO. WM120 SOLDERING IRON



Mfg. part no. WM120 is a 7" (178mm) long, pencil-thin soldering iron with a break-resistant stay-cool handle. Develops tip temperature 800°F (427°C). 12W, 120V, 50/60Hz.

Mfg. Part No.	Stock No.	Price Each
		Each
WM120	33F350	39.30

(5898)

HEAVY-DUTY SOLDERING IRONS



SP120

Mfg. part no. SP120 soldering iron is 11 3/4" (289mm) long and heavy-duty for greater output. Ideal for home workshop and repairs, stained glass and hobbies. Includes iron rest and mfg. part no. MTG30 1/2" (13mm) diameter iron-plated chisel tip; develops 900°F (482°C). Rated: 120W 120V, 50/60Hz. UL listed. Mfg. part no. SP175 soldering iron is 12 1/2" (318mm) long and extra heavy-duty for demanding jobs such as sheet metal work. Includes iron rest and mfg. part no. MTG40 3/8" (16mm) diameter iron-plated chisel tip; develops 900°F (482°C). Rated: 120W, 120V, 50/60Hz. Order replacement soldering tips separately below.

Mfg. Part No.	Description	Stock No.	Price Each
			Each
SP120	Heavy-Duty Soldering Iron with MTG30 Tip	33F113	48.28
SP175	Heavy-Duty Soldering Iron with MTG40 Tip	33F114	59.83

REPLACEMENT SOLDERING TIPS

● MTG30	1/2" Chisel Tip	26M8282	13.53
● MTG40	5/8" Chisel Tip	33F116	22.98

(5897)

PORTABLE SOLDERING IRON ANALYZER

- Tests Soldering Stations For Compliance With DOD-2000 Specification
- Tests Either Tip Temperature Stability Or Absolute Temperature When Measured With A Thermocouple
- Tests Tip-To-Ground Resistance And Tip-To-Ground Noise
- Battery Life: 50 Hours



Mfg. Part No.	Stock No.	Price Each
		1-4
WA-2000	50F1821	856.80

(5995)

SOLDERING IRON HOLDERS

- Mfg. part no. 9800 Iron Holder With Ceramic Mouthpiece And Cast Metal Tray For Micro-Size Irons
- Mfg. part no. 8000 Iron Holder Attaches To Bench Or Other Surfaces



9800



8000

Mfg. Part No.	Stock No.	Price Each
		1-4
9800	32F1014	31.53
8000	33F687	22.35

(5836)

SOLDERING TOOL STANDS



PH60



PH100



PH25

Mfg. Part No.	For Irons	Barrel Dia.	Stock No.	Price Each
				1-4
PH60	W60, WP25	1 5/8"	35F3347	30.04
PH100	W100	1 9/8"	35F3345	18.92
PH25	WP25, WP40	1 5/8"	33F106	24.97

(5903)

Weller®

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CORDLESS BATTERY-POWERED SOLDERING IRONS

Weller®



BP645MP

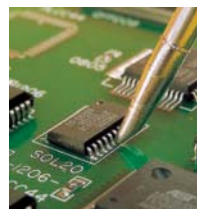
- Lightweight, portable
- Heats up to working temperature in under 15 seconds
- Protective safety cap turns off power when placed on tool

These handy soldering tools go to where the work is with no power cord to worry about. Perfect for field service repair on small parts and components. Heats up fast, and has power to get the job done. Mfg. part no. BP645MP includes 6W, 900°F soldering iron, one soldering tip, three AA batteries, lead-free solder and tip removal wrench. Features red LED that indicates when power is on. Mfg. part no. BP680MP includes dual-power 8W/11W, 850°/950°F Pro Series soldering iron, two soldering tips, 4 AA batteries, lead-free solder and tip removal wrench. Features molded comfort grip, white LED light that illuminates working surface and dual-power (Hi/Low) red and green LED indicators.

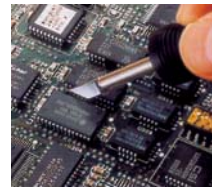
Mfg. Part No.	Description	Stock No.	Price Each
BP645MP	6W, 900°F Battery-Powered Soldering Iron	66K5744	14.68
BP680MP	Dual-Power 8W/11W, 850°/950°F Pro Series Battery-Powered Soldering Iron	31M1193	19.93

(87074)

SMTc SERIES SOLDERING/SMT REWORK TIP CARTRIDGES

OKI
OKI INTERNATIONAL™

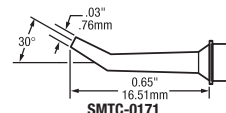
Hoof Tip



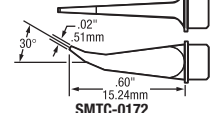
Knife Tip



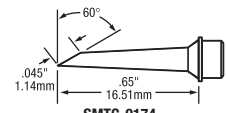
Blade Tip



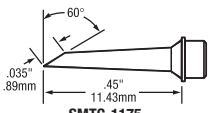
SMTc-0171



SMTc-0172



SMTc-0174



SMTc-1175

SMTc series tip cartridges are designed for reworking SMT components. Great for assembly, removal and cleaning these tips do it all. Available in slot, tunnel and quad tip cartridges plus hoofs tips for drag soldering, blade tips to remove residual solder from pads, knife tips for multi-lead soldering of PLCs and micro-fine tips for reworking micro-fine components in tight area with the help of a microscope. SMTc soldering tip cartridges are for use with mfg. part no. MX-RM3E soldering/rework handpiece for STSS and MX series soldering and rework systems. Other geometries are available; go online or call.

Mfg. Part No.	Tip Style	Application	Tip Series	Stock No.	Price Each
● SMTc-0172	Micro-Fine	Drag Soldering	600	76K2372	46.54
● SMTc-1172	Micro-Fine	Drag Soldering	700	76K2392	46.54
● SMTc-0147	Hoof	Drag Soldering	600	76K2368	46.52
● SMTc-1147	Hoof	Drag Soldering	700	76K2387	46.52
● SMTc-0174	Micro-Fine Hoof	Drag Soldering	600	72C6553	46.54
● SMTc-1174	Micro-Fine Hoof	Drag Soldering	700	76K2393	46.54
● SMTc-0175	Mini-Hoof	Drag Soldering	600	76K2373	46.54
● SMTc-1175	Mini-Hoof	Drag Soldering	700	76K2394	46.54
● SMTc-0167	Mini-Hoof	Drag Soldering	600	76K2370	46.52
● SMTc-1167	Mini-Hoof	Drag Soldering	700	76K2390	46.52
● SMTc-0161	Knife	Drag Soldering	700	76K2369	46.52
● SMTc-1161	Knife	Drag Soldering	700	76K2389	46.52
● SMTc-1173	Knife	Drag Soldering	800	21H9288	46.52
● SMTc-560	0.410" Blade	Pad Cleaning	500	21H9292	88.20
● SMTc-060	0.410" Blade	Pad Cleaning	600	76K2375	88.20
● SMTc-160	0.410" Blade	Pad Cleaning	700	76K2395	88.84
● SMTc-061	0.620" Blade	Pad Cleaning	600	76K2376	88.20
● SMTc-161	0.620" Blade	Pad Cleaning	700	76K2396	88.20
● SMTc-062	0.870" Blade	Pad Cleaning	600	91F5882	88.84
● SMTc-162	0.870" Blade	Pad Cleaning	700	76K2397	88.20
● SMTc-0110	1.550" Dual Blade	Pad Cleaning	600	91F5883	147.71
● SMTc-1110	1.550" Dual Blade	Pad Cleaning	700	83F2259	147.71
● SMTc-0171	Micro-Fine Chip Removal	0201, 0402 Chips	600	76K2371	46.54
● SMTc-1171	Micro-Fine Chip Removal	0201, 0402 Chips	700	76K2391	46.54
● SMTc-096	Slot Cartridge	0402, 0603 Chips	600	76K2377	38.80
● SMTc-196	Slot Cartridge	0402, 0603 Chips	700	83F2257	38.80
● SMTc-001	Slot Cartridge	0805 Chips	600	91F5885	38.80

▶ CONTINUED ▶

SOLDERING TIPS

SMTC SERIES SOLDERING/SMT REWORK TIP CARTRIDGES (CONT.)

Mfg. Part No.	Tip Style	Application	Tip Series	Stock No.	Price Each
● SMTC-101	Slot Cartridge	0805 Chips	700	76K2378	38.80
● SMTC-002	Slot Cartridge	1206, 1210 Chips	600	76K2361	38.80
● SMTC-102	Slot Cartridge	1206, 1210 Chips	700	83F2239	38.80
● SMTC-003	Slot Cartridge	1808, 1812 Chips	600	91F5887	38.80
● SMTC-103	Slot Cartridge	1808, 1812 Chips	700	83F2240	38.80
● SMTC-005	Slot Cartridge	SOT-23	600	91F5888	38.80
● SMTC-105	Slot Cartridge	SOT-23	700	83F2241	38.80
● SMTC-008	Slot Cartridge	SOT-89	600	91F5890	38.80
● SMTC-108	Slot Cartridge	SOT-89	700	83F2243	38.80
● SMTC-104	Tunnel Cartridge	SOIC-8	700	76K2379	44.37
● SMTC-006	Tunnel Cartridge	SOIC-14, -16	600	76K2362	44.37
● SMTC-106	Tunnel Cartridge	SOIC-14, -16	700	76K2380	44.37
● SMTC-009	Tunnel Cartridge	SOIC-24	600	76K2364	44.37
● SMTC-109	Tunnel Cartridge	SOIC-24	700	76K2382	44.37
● SMTC-010	Tunnel Cartridge	SOIC-20	600	76K2365	44.37
● SMTC-110	Tunnel Cartridge	SOIC-20	700	83F2245	44.37
● SMTC-007	Tunnel Cartridge	SOIC-28, SOT-34	600	76K2363	44.37
● SMTC-107	Tunnel Cartridge	SOIC-28, SOT-34	700	76K2381	44.37
● SMTC-042	Tunnel Cartridge	SOIC-32	600	91F5893	54.73
● SMTC-142	Tunnel Cartridge	SOIC-32	700	83F2251	54.73
● SMTC-026	Tunnel Cartridge	SOJ-28, SOM-36	600	91F5894	44.37
● SMTC-126	Tunnel Cartridge	SOJ-28, SOM-36	700	83F2249	44.37
● SMTC-0140	Tunnel Cartridge	SOJ-32, SOJ-34	600	91F5895	54.73
● SMTC-1140	Tunnel Cartridge	SOJ-32, SOJ-34	700	83F2250	54.73
● SMTC-095	Tunnel Cartridge	TSOP-28	600	91F5896	54.73
● SMTC-195	Tunnel Cartridge	TSOP-28	700	83F2255	54.73
● SMTC-0154	Tunnel Cartridge	TSOP-40	600	91F5897	97.76
● SMTC-1154	Tunnel Cartridge	TSOP-40	700	83F2264	97.76
● SMTC-012	Quad Cartridge	PLCC-20	600	91F5898	69.61
● SMTC-112	Quad Cartridge	PLCC-20	700	83F2246	69.61
● SMTC-0103	Quad Cartridge	PLCC-28	600	91F5899	69.61
● SMTC-113	Quad Cartridge	PLCC-28	700	76K2385	69.61
● SMTC-016	Quad Cartridge	PLCC-32	600	91F5900	69.61
● SMTC-116	Quad Cartridge	PLCC-32	700	85K9073	69.61
● SMTC-014	Quad Cartridge	PLCC-44	600	91F5901	69.61
● SMTC-114	Quad Cartridge	PLCC-44	700	76K2386	69.61
● SMTC-0-118	Quad Cartridge	PLCC-44	600	91F5906	69.61
● SMTC-1118	Quad Cartridge	PLCC-44	700	83F2260	69.61
● SMTC-0145	Quad Cartridge	PLCC-84	600	91F5907	147.71
● SMTC-1145	Quad Cartridge	PLCC-84	700	83F2262	147.71
● SMTC-021	Quad Cartridge	QFP-44	600	76K2374	69.61
● SMTC-121	Quad Cartridge	QFP-44	700	93B2030	69.61
● SMTC-115	Quad Cartridge	QFP-64, -80	700	91F5904	103.08
● SMTC-086	Quad Cartridge	QFP-132	600	91F5905	103.08
● SMTC-186	Quad Cartridge	QFP-132	700	83F2256	103.08
● SMTC-0122	Quad Cartridge	QFP-144	600	41B5795	103.08
● SMTC-1122	Quad Cartridge	QFP-144	700	76K2384	103.08
● SMTC-0120	Quad Cartridge	SQDP-64	600	76K2367	69.61
● SMTC-1120	Quad Cartridge	SQDP-64	700	41B5836	69.61
● SMTC-118	Dual Quad Cartridge	PLCC-68	700	91F5902	103.08
● SMTC-029	Dual Quad Cartridge	PLCC-84	600	91F5903	191.27
● SMTC-129	Dual Quad Cartridge	PLCC-84	700	83F2250	191.27
● SMTC-0109	Socket Cartridge	PLCC-32	600	76K2366	69.61
● SMTC-1109	Socket Cartridge	PLCC-32	700	76K2383	69.61

(72995)

TATC SERIES TALON SOLDERING TIP CARTRIDGES



TATC series soldering tip cartridges for use with MX series Talon soldering and rework systems. Each cartridge is designed to deliver high power in response to loads. Available in the popular tip geometries and in two standard temperature ranges (500 series and 600 series). Sold in pairs.

Mfg. Part No.	Tip Style	Tip Width	Tip Series	Stock No.	Price per Pair
● TATC-501	Fine Point	0.20"	500	91F5908	109.45
● TATC-601	Fine Point	0.20"	600	76K2483	109.45
● TATC-602	Blade	0.25"	600	76M8912	110.24
● TATC-603	Blade	0.62"	600	76K2485	109.45
● TATC-604	Blade	0.81"	600	76K2486	109.45
● TATC-606	Blade	1.1"	600	50B6174	131.34

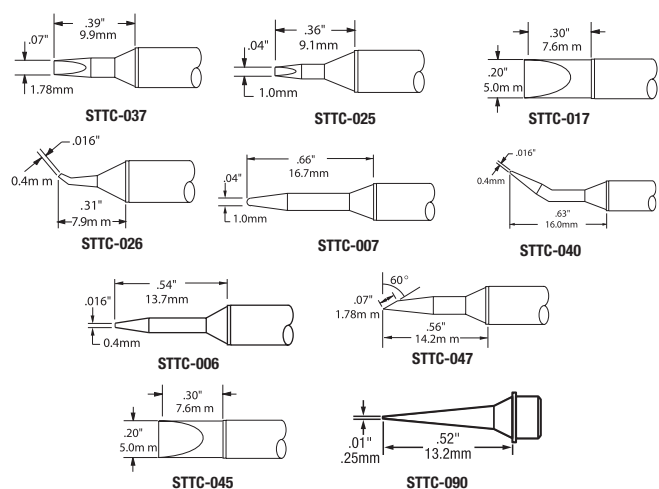
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TATC SERIES TALON SOLDERING TIP CARTRIDGES (CONT.)

Mfg. Part No.	Tip Style	Tip Width	Tip Series	Stock No.	Price per Pair
● TATC-605	TSOP 32	...	600	88K1244	109.45
● TATC-608	Angled Viper	0.05"	600	76K2487	109.45

(72996)

STTC SERIES SOLDERING/SMT TIP CARTRIDGES



STTC series tip cartridges designed for soldering and reworking SMT components. These popular tips are ideal for a wide variety of soldering tasks. Available in three temperature ranges (500, 600 and 700 series). STTC series tip cartridges are for use in soldering/rework handpieces for STSS and MX series soldering and rework systems. Other geometries are available; go online or call. NOTE: Mfg. part nos. with P suffix are a new lead-free soldering range of STTC series Power Tips™ for use with the MX-500 series soldering and rework systems. These Power Tips™ are specially designed to deliver heat more efficiently for common hand soldering applications.

Mfg. Part No.	Tip Style	Tip Width (in.)	Tip Series	Stock No.	Price Each
● STTC-525	30° Chisel	0.04	500	76K2475	24.02
● STTC-025	30° Chisel	0.04	600	76K2440	24.02
● STTC-125	30° Chisel	0.04	700	76K2458	24.02
● STTC-125P	30° Chisel	0.04	700	68K1797	24.02
● STTC-038	30° Chisel	0.06	600	76K2445	24.02
● STTC-138	30° Chisel	0.06	700	76K2463	24.02
● STTC-838	30° Chisel	0.06	800	41B6009	23.32
● STTC-537	30° Chisel	0.07	500	76K2477	24.02
● STTC-037	30° Chisel	0.07	600	76K2444	24.02
● STTC-137P	30° Chisel	0.07	700	14M6371	24.02
● STTC-837	30° Chisel	0.07	800	76K2482	23.32
● STTC-536	30° Chisel	0.1	500	76K2476	24.02
● STTC-036	30° Chisel	0.1	600	76K2443	24.02
● STTC-136	30° Chisel	0.1	700	76K2462	24.02
● STTC-136P	30° Chisel	0.1	700	68K1795	24.02
● STTC-836	30° Chisel	0.1	800	41B6007	24.02
● STTC-199	30° Chisel Bent	0.02	700	76K2474	25.76
● STTC-198	30° Chisel Bent	0.07	700	76K2473	24.02
● STTC-542	60° Chisel	0.07	500	92F183	24.02
● STTC-042	60° Chisel	0.07	600	76K2446	24.02
● STTC-142	60° Chisel	0.07	700	76K2465	24.02
● STTC-133	90° Chisel	0.1	700	76K2460	27.31
● STTC-103	90° Chisel	0.12	700	41B5959	27.31
● STTC-113	90° Chisel	0.12	700	76K2454	24.02
● STTC-165	Large Chisel	0.2	700	76K2471	27.31
● STTC-017	Extra-Large Chisel	0.2	600	76K2438	24.02
● STTC-117	Extra-Large Chisel	0.2	700	76K2456	24.02
● STTC-817	Extra-Large Chisel	0.2	800	76K2481	24.02

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SOLDERING TIPS

STTC SERIES SOLDERING/SMT TIP CARTRIDGES (CONT.)

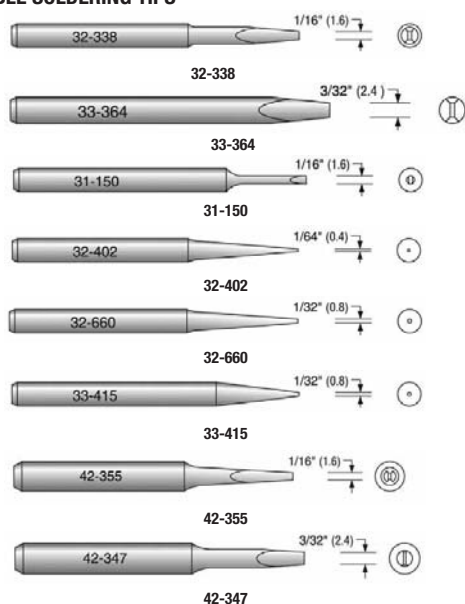
Mfg. Part No.	Tip Style	Tip Width (in.)	Tip Series	Stock No.	Price Each
					Each
● STTC-026	30° Sharp Bent	0.016	600	76K2441	24.02
● STTC-126	30° Sharp Bent	0.016	700	76K2459	24.02
● STTC-044	30° Sharp Bent	0.02	600	76K2447	24.02
● STTC-144	30° Sharp Bent	0.02	700	76K2467	24.02
● STTC-145P	Conical	0.016	700	68K5809	24.02
● STTC-512	Conical	0.08	500	92F186	24.02
● STTC-012	Conical	0.08	600	76K2436	24.02
● STTC-112	Conical	0.08	700	76K2453	23.32
● STTC-143	Conical Sharp	0.02	700	76K2466	24.02
● STTC-007	Conical Sharp	0.04	600	76K2435	24.02
● STTC-107	Conical Sharp	0.04	700	76K2452	24.02
● STTC-501	Conical Sharp	0.04	500	92F192	24.02
● STTC-001	Conical Sharp	0.04	600	76K2433	24.02
● STTC-101	Conical Sharp	0.04	700	76K2450	24.02
● STTC-101P	Conical Sharp	0.04	700	10M9200	24.02
● STTC-506	Conical Sharp	0.016	500	92F199	24.02
● STTC-006	Conical Sharp	0.016	600	76K2434	24.02
● STTC-106	Conical Sharp	0.016	700	76K2451	24.02
● STTC-022	Conical Sharp	0.016	600	76K2439	24.02
● STTC-122	Conical Sharp	0.016	700	76K2457	24.02
● STTC-140	Conical Bent	0.032	700	76K2464	24.02
● STTC-535	30° Bevel	0.07	500	92F189	24.02
● STTC-035	30° Bevel	0.07	600	76K2442	24.02
● STTC-135	30° Bevel	0.07	700	76K2461	24.02
● STTC-524	30° Bevel	0.04	500	92F195	24.02
● STTC-124	30° Bevel	0.04	700	92F196	24.02
● STTC-514	45° Bevel	0.08	500	92F202	24.02
● STTC-014	45° Bevel	0.08	600	76K2437	24.02
● STTC-114	45° Bevel	0.08	700	76K2455	23.32
● STTC-146	60° Bevel	0.04	700	76K2469	24.02
● STTC-547	60° Bevel	0.07	500	92F197	24.02
● STTC-047	60° Bevel	0.07	600	92F198	23.32
● STTC-147	60° Bevel	0.07	700	76K2470	24.02
● STTC-147P	60° Bevel	0.07	700	68K5810	24.02
● STTC-545	60° Bevel	0.016	500	76K2480	24.02
● STTC-045	60° Bevel	0.016	600	76K2448	24.02
● STTC-145	60° Bevel	0.016	700	76K2468	24.02
● STTC-090	Micro-Fine Point	0.01	600	76K2449	24.02
● STTC-190	Micro-Fine Point	0.01	700	76K2472	25.76
● STTC-1173P	Knife	0.2	700	77M9254	46.54

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3/16" AND 1/4" AMERICAN BEAUTY®,
ESICO® AND HEXACON®
COMPATIBLE SOLDERING TIPS

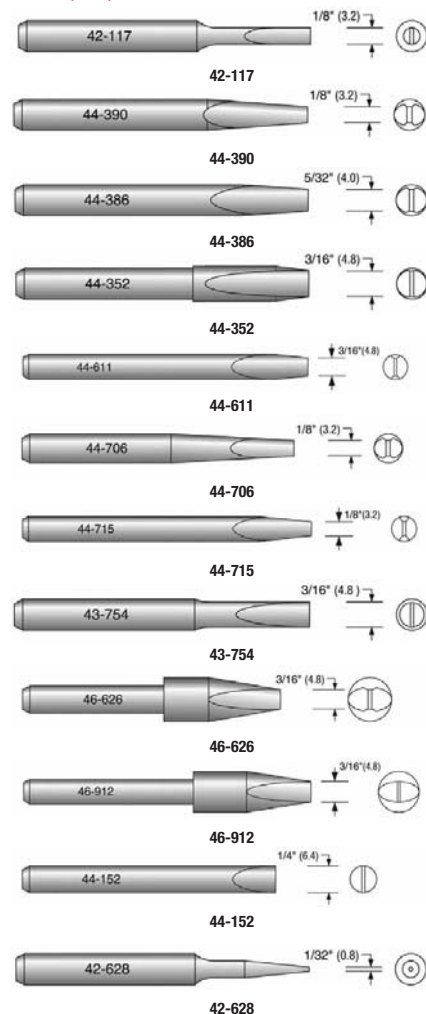


PLATO®



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3/16" AND 1/4" AMERICAN BEAUTY®, ESICO® AND HEXACON® COMPATIBLE
SOLDERING TIPS (CONT.)



- Quality replacement tips
- Long tip life
- Fast heat recovery

These 3/16" and 1/4" replacement soldering tips are designed to fit soldering irons from American Beauty®, Esico® and Hexacon®. Other tip sizes and styles available; go online or call.

3/16" TIPS

Mfg. Part No.	Tip Style	Tip Thickness (in.)	Description	Stock No.	Price Each
● 32-338	Screwdriver	1/16	Replaces American Beauty Tip 615, Esico Tips 322-220, 322-146 and Hexacon Tip HT548	98H3295	8.26
● 33-364	Screwdriver	3/32	Replaces American Beauty Tip 617, Esico Tips 320-109, 320-118 and Hexacon Tip HT207	98H3307	8.26
● 31-150	Chisel	1/16	Replaces American Beauty Tip 604, Esico Tips 311-103, 311-124 and Hexacon Tip HT276	98H3291	8.26
● 32-402	Conical	1/64	Replaces American Beauty Tip 630 and Hexacon Tip HT118	98H3296	8.26
● 32-660	Conical	1/32	Replaces American Beauty Tip 626, Esico Tips 342-112, 342-119 and Hexacon Tip HT479	98H3297	8.26
33-415	Conical	1/32	Replaces American Beauty Tip 625 and Hexacon Tip HT281	98H3315	8.26

1/4" TIPS

● 42-355	Screwdriver	1/16	Replaces American Beauty Tip 716, Esico Tips 422-108, 422-132 and Hexacon Tip HT359	98H3351	8.56
42-347	Screwdriver	3/32	Replaces American Beauty Tip 417, Esico Tips 422-347, 422-144 and Hexacon Tip HT358	98H3350	8.56
● 42-117	Screwdriver	1/8	Replaces American Beauty Tip 701, Esico Tips 412-103, 412-131 and Hexacon Tip HT451	98H3348	8.56

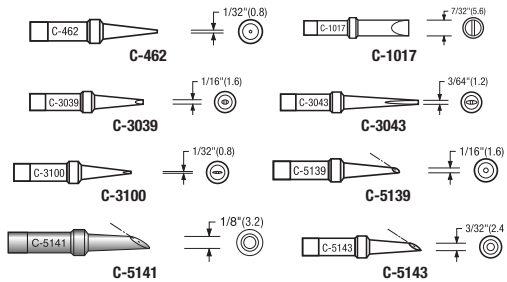
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SOLDERING TIPS

3/16" AND 1/4" AMERICAN BEAUTY®, ESICO® AND HEXACON® COMPATIBLE SOLDERING TIPS (CONT.)**1/4" TIPS**

Mfg. Part No.	Tip Style	Tip Thickness (in.)	Description	Stock No.	Price Each 1-9
● 44-390	Screwdriver	1/8	Replaces American Beauty Tip 721, Esico Tips 420-106, 420-119 and Hexacon Tip HT417	98H3369	8.56
● 44-386	Screwdriver	5/32	Replaces American Beauty Tip 720, Esico Tips 420-143, 420-164 and Hexacon Tip HT397	98H3364	8.56
● 44-352	Screwdriver	3/16	Replaces American Beauty Tip 715 and Hexacon Tip HT313	98H3363	8.56
44-611	Screwdriver	3/16	Replaces American Beauty Tip 738, Esico Tip 420-130 and Hexacon Tip HT202	98H3371	8.56
● 44-706	Chisel	1/8	Replaces Esico Tip 420-201 and Hexacon Tip HT586	98H3373	8.56
44-715	Chisel	1/8	Replaces Esico Tip 420-114 and Hexacon Tip HT426	98H3374	8.56
● 43-754	Chisel	3/16	Replaces Esico Tips 413-102, 413-134 and Hexacon Tip HT463	98H3357	8.56
● 46-626	Chisel	3/16	Replaces Esico Tips 426-161, 426-173 and Hexacon Tip HT552	98H3376	11.52
● 46-912	Chisel	3/16	Replaces Esico Tip 426-189 and Hexacon Tip HT773	98H3377	11.52
● 44-152	Chisel	1/4	Replaces American Beauty Tip 704, Esico Tips 410-140, 410-126 and Hexacon Tip HT553	98H3361	8.56
● 42-628	Conical	1/32	Replaces Esico Tips 442-153, 442-139 and Hexacon Tip HT513	98H3353	8.56

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C SERIES WELLER® COMPATIBLE SOLDERING TIPS

- Enhanced performance of soldering station
- Longer tip life
- Improved heat recovery

C series long life 700° and 800° F soldering tips are designed to fit Weller® mfg. part nos. WTCPL, WTCPN, WTCPPR, WTCPS, WTCPT, and WTCPZ soldering stations with mfg. part no. TC201T soldering iron handpieces. Choice of screwdriver, conical and bevel tip styles. Shank diameter: 0.215". Also available in 600°, 750° and 900°F tips and additional sizes; [go online or call](#).

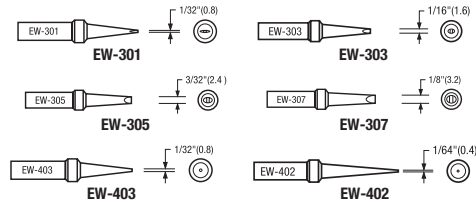
TIPS WITH 700° F OPERATING TEMPERATURE

Mfg. Part No.	Description	Tip Style	Stock No.	Price Each 1-9
● C-462-7	Soldering Tip, Replaces Weller® PTP7	Conical	68K2151	3.27
● C-1017-7	Soldering Tip, Replaces Weller® PTE7	Screwdriver	68K2145	3.27
● C-3039-7	Soldering Tip, Replaces Weller® PTA7	Screwdriver	68K2147	3.27
● C-3043-7	Soldering Tip, Replaces Weller® PTK7	Screwdriver	06J1915	3.27
● C-5139-7	Soldering Tip, Replaces Weller® PTA7	Bevel	68K2153	3.27
● C-5141-7	Soldering Tip, Replaces Weller® PTCC7	Bevel	68K2155	3.27
● C-5143-7	Soldering Tip, Replaces Weller® PTBB7	Bevel	68K2157	3.08

TIPS WITH 800° F OPERATING TEMPERATURE

● C-462-8	Soldering Tip, Replaces Weller® PTP8	Conical	68K2152	3.27
● C-3039-8	Soldering Tip, Replaces Weller® PTA8	Screwdriver	68K2148	3.27
● C-3043-8	Soldering Tip, Replaces Weller® PTK8	Screwdriver	68K2149	3.27
● C-3100-8	Soldering Tip, Replaces Weller® PTH8	Screwdriver	68K2150	3.27
● C-5139-8	Soldering Tip, Replaces Weller® PTA8	Bevel	68K2154	3.27
● C-5141-8	Soldering Tip, Replaces Weller® PTCC8	Bevel	68K2156	3.27

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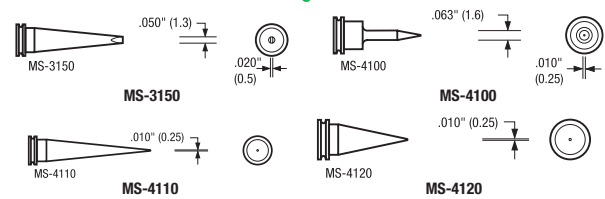
EW SERIES WELLER® COMPATIBLE SOLDERING TIPS

- Enhanced performance of soldering station
- Longer tip life
- Improved heat recovery

EW series long life soldering tips are designed to fit Weller® mfg. part nos. EC1002-1, EC2002-1, DEC1001, WTL-1000-1, DTL-1000, EC1000/1, EC2000/1, WTL and WCC100 soldering stations that use mfg. part no. EC1201A 40W soldering iron handpiece. Choice of screwdriver and conical tip styles. Shank diameter: 0.215". Other tip sizes available; [go online or call](#).

Mfg. Part No.	Description	Tip Style	Stock No.	Price Each 1-9
● EW-301	Soldering Tip, Replaces Weller® ETH	Screwdriver	68K3565	3.43
● EW-303	Soldering Tip, Replaces Weller® ETA	Screwdriver	68K3566	3.43
● EW-305	Soldering Tip, Replaces Weller® ETB	Screwdriver	68K3567	3.43
● EW-307	Soldering Tip, Replaces Weller® ETC	Screwdriver	68K3568	3.43
● EW-402	Soldering Tip, Replaces Weller® ETS	Conical	68K3569	3.43
● EW-403	Soldering Tip, Replaces Weller® ETP	Conical	98H2676	3.43

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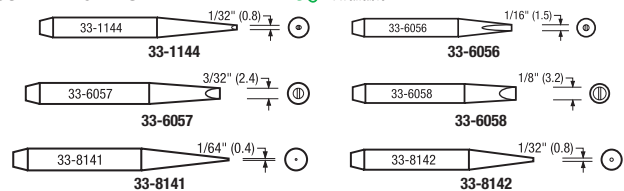
MS SERIES WELLER® COMPATIBLE SOLDERING TIPS

- Enhanced performance of soldering station
- Longer tip life
- Improved heat recovery

MS series long life soldering tips are designed to fit Weller® mfg. part nos. WS 80, WSD 80, WSD 130, WSD 150 soldering stations and mfg. part nos. WSP 80 and MPR 80 soldering pencils. Choice of screwdriver and conical tip styles. Shank diameter: 0.237". Other tip sizes available; [go online or call](#).

Mfg. Part No.	Description	Tip Style	Stock No.	Price Each 1-9
● MS-3150	Soldering Tip, Replaces Weller® LTK	Screwdriver	98H2835	3.94
● MS-3300	Soldering Tip, Replaces Weller® LTB	Screwdriver	98H2838	3.91
● MS-4100	Soldering Tip, Replaces Weller® LT1S	Conical	98H2842	4.19
● MS-4110	Soldering Tip, Replaces Weller® LT1L	Conical	98H2844	4.07
● MS-4120	Soldering Tip, Replaces Weller® LT1	Conical	98H2845	4.40

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3/16" PACE® COMPATIBLE SOLDERING TIPS

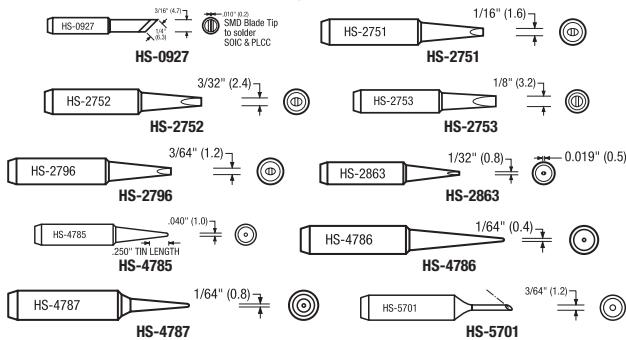
- Enhanced performance of soldering station
- Longer tip life
- Improved heat recovery

These 3/16" long life soldering tips are designed to fit Pace® SP-1A, SP-2A, PS-80, ST-45, IR-70 Sodr-Pen® soldering irons. Choice of screwdriver and conical tip styles. Shank diameter: 0.183". Other tip sizes available; [go online or call](#).

Mfg. Part No.	Description	Tip Style	Stock No.	Price Each 1-9
● 33-1144	3/16" Soldering Tip, Replaces Pace® 1121-0359	Screwdriver	68K7432	5.96
● 33-6056	3/16" Soldering Tip, Replaces Pace® 1121-0414	Screwdriver	98H3323	5.98
● 33-6057	3/16" Soldering Tip, Replaces Pace® 1121-0360	Screwdriver	68K7433	5.98
● 33-6058	3/16" Soldering Tip, Replaces Pace® 1121-0337	Screwdriver	68K7434	5.52
● 33-8141	3/16" Soldering Tip, Replaces Pace® 1121-0357	Conical	68K7435	5.38
● 33-8142	3/16" Soldering Tip, Replaces Pace® 1121-0336	Conical	68K7436	5.98

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SOLDERING TIPS

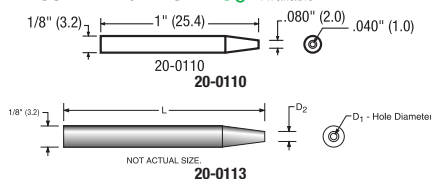
HAKKO® COMPATIBLE
SOLDERING TIPS

- Enhanced performance of soldering station
- Longer tip life
- Improved heat recovery

These long life soldering tips are designed to fit Hakko® 926, 927 and 928 soldering stations with M926 or 900M handpieces. Choice of screwdriver, blade, conical and bevel tip styles. Shank diameter: 0.0250". Other tip sizes available; go online or call.

Mfg. Part No.	Description	Tip Style	Stock No.	Price Each
● HS-0927	Soldering Tip, Replaces Hakko® 900M-T-K	Blade	06J1994	10.48
● HS-2751	Soldering Tip, Replaces Hakko® 900M-T-1.6D	Screwdriver	98H2732	6.98
● HS-2752	Soldering Tip, Replaces Hakko® 900M-T-2.4D	Screwdriver	98H2733	6.98
● HS-2753	Soldering Tip, Replaces Hakko® 900M-T-3.2D	Screwdriver	98H2734	6.82
● HS-2863	Soldering Tip, Replaces Hakko® 900M-T-0.8D	Screwdriver	98H2738	8.08
● HS-4785	Soldering Tip, Replaces Hakko® 900M-T-B	Conical	98H2743	5.69
● HS-4786	Soldering Tip, Replaces Hakko® 900M-T-LB	Conical	98H2744	7.87
● HS-4787	Soldering Tip, Replaces Hakko® 900M-T-L	Conical	98H2745	7.04
● HS-5701	Soldering Tip, Replaces Hakko® 900M-T-1C	Bevel	98H2758	6.98

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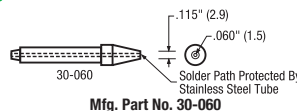
20 SERIES 3/16" PACE®
COMPATIBLE DESOLDERING TIPS

- Enhanced performance of soldering station
- Longer tip life
- Improved heat recovery

20 series 3/16" long life desoldering tips are designed to fit Pace® Air-Vac and A.P.E. desoldering irons. Length: 1.1". Shank diameter: 0.125". Other tip sizes available; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each
● 20-0110	3/16" Desoldering Tip, Replaces Pace® 1121-0479	14M8139	1.91
● 20-0113	3/16" Desoldering Tip, Replaces Pace® 1121-0216	14M8140	1.91

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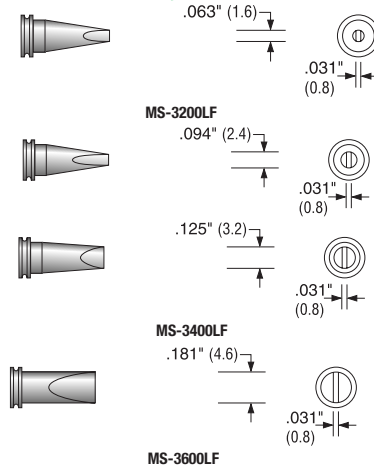
30 SERIES 3/16" PACE®
COMPATIBLE DESOLDERING TIPS

- Enhanced performance of soldering station
- Longer tip life
- Improved heat recovery

30 series 3/16" long life desoldering tips are designed to fit Pace® SX-70, SX-80 and SODR-X-TRACTORS. Length: 1.54". Shank diameter: 0.183". Other tip sizes available; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each
● 30-0600	Desoldering Tip, Replaces Pace® 1121-0368	98H3286	7.64
● 30-060	Desoldering Tip, Replaces Pace® 1121-0464	68K7417	17.92

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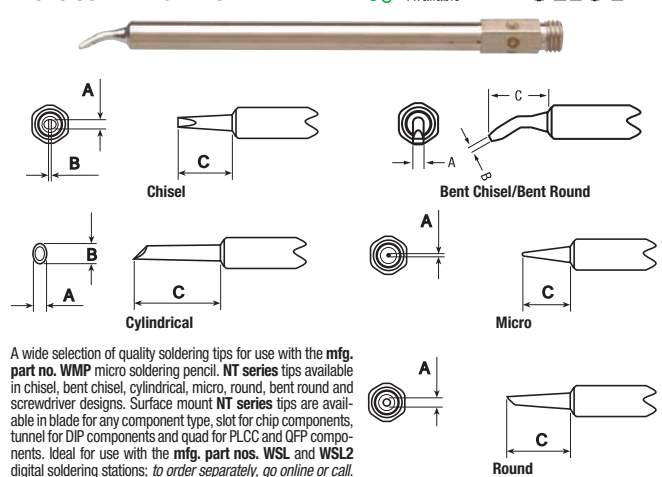
LONG LIFE MS SERIES
SOLDERING TIPS

- Designed especially for lead-free soldering
- Enhanced performance of soldering station
- Longer tip life
- Improved heat recovery

MS series long life soldering tips are designed to fit Weller® mfg. part nos. WS 80, WSD 80, WSD 130, WSD 150 soldering stations and mfg. part nos. WSP 80 and MPR 80 soldering pencils. Choice of chisel, conical, bevel and hoof tip styles.

Mfg. Part No.	Longer Life Than Weller's	Description	Stock No.	Price Each
● MS-3200LF	LTA	Soldering Tip, 1.6mm Chisel	46M5718	6.89
● MS-3300LF	LTB	Soldering Tip, 2.4mm Chisel	46M5719	7.23
● MS-3400LF	LTC	Soldering Tip, 3.2mm Chisel	46M5720	4.24
● MS-3600LF	LTD	Soldering Tip, 4.6mm Chisel	46M5721	4.24
● MS-4200LF	LTO	Soldering Tip, 1mm Conical	46M5722	6.55
● MS-5300LF	LTBB	Soldering Tip, 2.4mm Bevel	46M5723	6.55
● MS-5400LF	LTCC	Soldering Tip, 3.2mm Bevel	46M5724	6.55
● MS-0100LF	LTGW	Soldering Tip, Hoof	46M5717	11.49

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NT SERIES SOLDERING TIPS FOR WMP
MICRO SOLDERING PENCIL

A wide selection of quality soldering tips for use with the mfg. part no. WMP micro soldering pencil. NT series tips available in chisel, bent chisel, cylindrical, micro, round, bent round and screwdriver designs. Surface mount NT series tips are available in blade for any component type, slot for chip components, tunnel for DIP components and quad for PLCC and QFP components. Ideal for use with the mfg. part nos. WSL and WSL2 digital soldering stations; to order separately, go online or call.

NT SERIES TIPS

Mfg. Part No.	Description	Dimensions (In.)			Stock No.	Price Each	
		A	B	C		1-4	5-24
NTH	Chisel Tip	0.031	0.016	0.331	09H2017	10.79	10.34
NTK	Chisel Tip	0.047	0.016	0.331	32H1247	10.79	10.34
● NTA	Chisel Tip	0.063	0.016	0.331	09H2015	10.79	10.34
NTG	Chisel Tip	0.063	0.016	0.372	26H2559	10.79	10.34
● NTB	Chisel Tip	0.094	0.031	0.289	26M8283	10.79	10.34
● NTC	Chisel Tip	0.126	0.031	0.305	32H1245	10.79	10.34
● NTD	Chisel Tip	0.157	0.031	0.305	26M8284	17.99	17.24
NTAX	Bent Chisel Tip	0.063	0.031	0.339	32H1243	12.95	12.41
● NT1X	Bent Round Tip	0.016	0.063	0.321	01H8409	12.95	12.41
● NTGW	Cylindrical Tip	0.079	0.118	0.528	01H8410	18.32	17.56
NT1	Micro Tip	0.010	...	0.291	02H0195	10.79	10.34

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SOLDERING TIPS

NT SERIES SOLDERING TIPS FOR WMP MICRO SOLDERING PENCIL (CONT.)

Mfg. Part No.	Description	Dimensions (In.)			Stock No.	Price Each	
		A	B	C		1-4	5-24
NT1S	Micro Tip	0.010	...	0.333	09H1979	10.79	10.34
NT4	Round Tip	0.047	...	0.39	02H6177	10.79	10.34

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150W HEAVY-DUTY SOLDERING PENCIL AND REPLACEABLE TIPS



Weller®



WSP150



PH60

- For high-heat applications requiring maximum heat storage
- ESD safe

Mfg. part no. WSP150 heavy-duty soldering pencil comes complete with mfg. part no. LHTF 0.366" O.D./width chisel soldering tip. Rated: 150W, 24V. Temperature range: 150°F to 850°F. Length: 12.4". Compatible with LHTseries chisel soldering tips and mfg. part no. PH60 pencil/iron stand; order separately below. Ideal for use with mfg. part nos. WD2 and WD2M dual power units ordered separately; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each
● WSP150	Heavy-Duty Soldering Pencil with LHTF Chisel Tip	19M5231	165.00
PH60	Soldering Pencil/Iron Stand with Sponge	35F3347	30.04

LHT SERIES CHISEL SOLDERING TIPS — 0.071" HT./I.D.

Mfg. Part No.	Tip Width/O.D. (In.)	Stock No.	Price Each
● LHTD	0.185	19M0579	9.92
● LHTE	0.263	19M0580	10.00
● LHTF	0.366	19M0581	10.01

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SOLDERING TIPS



Weller®



0.250" (6.35) THREAD-ON TIPS FOR USE WITH DI AND SL HEATERS (360, 362, 363, 537S, 1237S, 4037S, 37UG)

Iron-clad except (*) unplated copper.

Mfg. Part No.	Tip Style	Tip Size In. (mm)	Stock No.	Price Each	
				1-4	5-24
● PL100	Precision Electronic	0.05" (1.27)	87F4279	7.96	
● PL114	Micro Spade	0.05" (1.27)	30M7994	8.36	
● PL133	Long Taper	0.15" (3.81)	26M8288	8.95	
● PL138	Tapered Needle	0.05" (1.27)	26M8289	8.51	
● PL153	Chisel	0.20" (5.08)	87F4281	9.62	
● PL155	Stepped Chisel	0.07" (1.78)	87F4258	8.51	

0.125" (3.18) THREAD-IN TIPELTS FOR USE WITH SL HEATERS (537S, 1237S, 4037S, 37, 37UG)

Iron-clad except (*) unplated copper.

Mfg. Part No.	Tip Style	Tip Size In. (mm)	Stock No.	Price Each	
				1-4	5-24
● PL331	Pencil/Cone	0.01" (0.25)	33F093	6.72	
● 333*	Chisel	0.13" (3.3)	33F084	3.72	

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New products added weekly

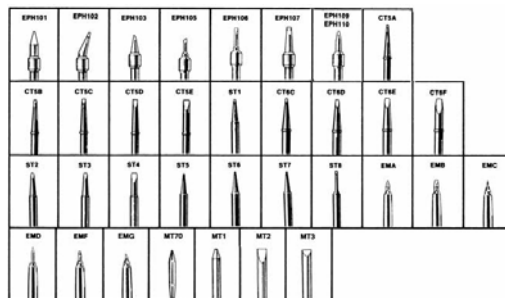
See the newest products, technologies and suppliers on our website.

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SOLDERING IRON TIPS



Weller®



These quality Weller soldering iron tips are designed to provide maximum heat transfer from heater to the tip.

MT SERIES TIPS FOR SP23 AND SP23D SERIES MARKSMAN® IRONS

Solid copper tips are nickel-plated and tinned.

Mfg. Part No.	Tip Style	Tip Size	Stock No.	Price Each	
				1-4	5-24
● MT1	Cone Shaped Marksman®	0.125" (3.18)	33F993	5.34	5.13
● MT2	Screwdriver Marksman®	0.125" (3.18)	33F994	5.34	5.13
● MT3	Chisel Marksman®	0.125" (3.18)	33F995	5.09	4.88

CT SERIES SCREWDRIVER TIPS FOR W60P AND W60P-3 IRONS

Solid copper tips plated with iron overall. Nickel and chromium behind the working surface.

● CT5A7	0.063" (1.60)	700°	35F2565	5.22	5.01
● CT5A8	0.063" (1.60)	800°	35F2566	5.22	5.01
● CT5B8	0.094" (2.39)	800°	26M8255	5.48	5.26
● CT5C7	0.125" (3.18)	700°	26M8256	5.22	5.01
● CT5C8	0.125" (3.18)	800°	35F2572	5.22	5.01
● CT5D7	0.188" (4.78)	700°	35F2574	5.05	4.84
● CT5D8	0.188" (4.78)	800°	26M8257	5.22	5.01
● CT5E8	0.250" (6.35)	800°	35F2578	5.22	5.01

CT SERIES SCREWDRIVER TIPS FOR W100PG AND W100P-3 IRONS

Solid copper tips plated with iron overall. Nickel and chromium behind the working surface.

● CT6C7	0.125" (3.18)	700°	26M8258	7.49	7.19
● CT6C8	0.125" (3.18)	800°	35F2581	7.49	7.19
● CT6D6	0.188" (4.78)	600°	35F2582	7.49	7.19
● CT6D7	0.188" (4.78)	700°	35F2583	7.86	7.55
● CT6D8	0.188" (4.78)	800°	35F2584	7.49	7.19
● CT6E7	0.250" (6.35)	700°	26M8259	7.86	7.55
● CT6E8	0.250" (6.35)	800°	35F2587	7.66	7.35
● CT6F6	0.375" (9.53)	600°	35F2588	7.86	7.55
● CT6F7	0.375" (9.53)	700°	35F3331	7.49	7.19
● CT6F8	0.375" (9.53)	800°	35F3332	7.49	7.19

EM SERIES TIPS FOR EC1503 AND EC1504 IRONS

Solid copper tips plated with iron overall. Nickel and chromium behind the working surface. Tapered fit matches heater sheath to provide maximum heat transfer from heater to tip.

Mfg. Part No.	Tip Style	Tip Size	Stock No.	Price Each	
				1-4	5-24
● EMA	Chisel	0.063" (1.60)	26M8264	16.18	15.52

"REACH" EPH SERIES TIPS FOR EC1301 AND EC1302 IRONS

Solid copper tips plated with iron overall. Nickel and chromium behind the working surface.

● EPH101	Micropoint	0.016" (0.41)	81F2380	6.74	6.47
● EPH106	Screwdriver	0.063" (1.60)	26M8265	6.74	6.47
● EPH109	Conical	0.031" (0.79)	26M8266	6.74	6.47
● EPH110	Conical	0.062" (1.60)	90F8302	4.55	4.37
● EPH112	Long Micropoint	0.015" (0.40)	95F3732	8.02	7.70

ST SERIES TIPS FOR WP25, WP30 AND WP35 IRONS

Precision ground copper tips are plated with iron, nickel and chromium.

● ST-1	Screwdriver	0.063" (1.60)	26M8312	4.34	4.16
● ST-2	Screwdriver	0.094" (2.39)	33F177	4.12	3.95
● ST-3	Screwdriver	0.125" (3.18)	33F178	4.34	4.16
● ST-4	Screwdriver	0.188" (4.78)	34F1025	4.34	4.16
● ST-5	Single Flat	0.031" (0.79)	34F1026	4.34	4.16
● ST-6	Screwdriver	0.031" (0.79)	34F1027	4.10	3.94
● ST-7	Conical	0.031" (0.79)	26M8313	4.12	3.95
● ST-8	Narrow Screwdriver	0.063" (1.60)	34F1029	4.12	3.95

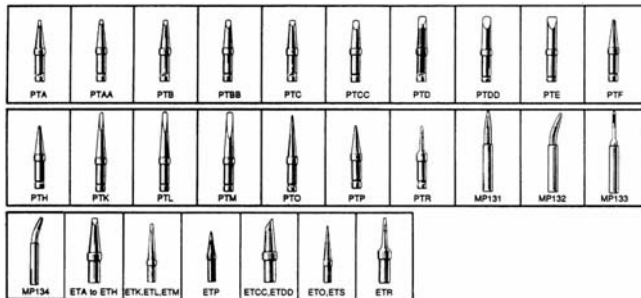
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SOLDERING TIPS • SOLDERING TIP ACCESSORIES

SOLDERING TIPS



Weller®



PT SERIES TIPS FOR WTCPT STATIONS

Mfg. Part No.	Tip Style	Tip Size	Temp.	Stock No.	Price Each	
					1-4	5-24
● PTA6	Screwdriver	0.063" (1.5)	600°F	35F2525	4.00	3.82
● PTA7			700°F	35F2526	4.00	3.82
● PTA8			800°F	35F2527	4.00	3.82
● PTA87	Single Flat	0.063" (1.5)	700°F	35F3312	4.00	3.82
● PTA88			800°F	35F3357	4.00	3.82
● PTB7			700°F	26M8292	4.00	3.82
● PTB8	Screwdriver	0.094" (2.4)	800°F	35F2531	4.00	3.82
● PTB87			700°F	26M8291	3.90	3.73
● PTB88			800°F	35F2555	4.00	3.82
● PTC7	Screwdriver	0.125" (3.0)	700°F	35F2534	4.00	3.82
● PTC8			800°F	26M8293	4.00	3.82
● PTC87			700°F	35F2558	4.00	3.82
● PTC88	Single Flat	0.125" (3.0)	800°F	35F2559	4.00	3.82
● PTD7			700°F	35F2538	4.00	3.82
● PTD8			800°F	35F2539	4.00	3.82
● PTE7	Screwdriver	0.234" (6.0)	800°F	35F3363	4.00	3.82
● PTE8			700°F	35F3359	4.00	3.82
● PTF7			800°F	35F3360	4.00	3.82
● PTF8	Conical Flat	0.031" (0.8)	800°F	35F3360	4.00	3.82
● PTH6			600°F	35F2541	4.00	3.82
● PTH7			700°F	35F2542	4.20	4.01
● PTH8	Screwdriver	0.031" (0.8)	800°F	26M8296	4.00	3.82
● PTK7			700°F	26M8297	4.00	3.82
● PTK8			800°F	35F2547	4.00	3.82
● PTL7	Long Screwdriver	0.078" (2.0)	700°F	35F2550	4.00	3.82
● PTL8			800°F	35F2551	4.00	3.82
● PTM7			700°F	26M8298	4.00	3.82
● PTM8	Long Screwdriver	0.125" (3.0)	800°F	26M8299	4.00	3.82
● PT07			700°F	51F3535	4.00	3.82
● PT08			800°F	98F789	4.20	4.01
● PTP7	Conical	0.031" (0.8)	700°F	26M8301	4.00	3.82
● PTP8			800°F	35F3356	4.00	3.82
● PTR7			700°F	26M8302	4.20	4.01
● PTR8	Narrow Screwdriver	0.063" (1.5)	800°F	90F8304	4.00	3.82
● PTS7			700°F	90F8306	4.00	3.82
● PTS8			800°F	90F8307	4.20	4.01

ET SERIES TIPS FOR EC1201/1201AFE IRONS

Mfg. Part No.	Tip Style	Tip Size	Stock No.	Price Each	
				1-4	5-24
● ETA	Screwdriver	0.063" (1.5)	33F1818	4.44	4.24
● ETB	Screwdriver	0.094" (2.4)	33F1819	4.66	4.45
● ETC	Screwdriver	0.125" (3.0)	26M8267	4.66	4.45
● ETD	Screwdriver	0.188" (4.7)	33F1821	4.44	4.24
● ETH	Screwdriver	0.031" (0.8)	33F1822	4.44	4.24
● ETP	Conical	0.031" (0.8)	33F1826	4.66	4.45
● ETC	Single Flat	0.125" (3.0)	90F8308	4.44	4.24
● ETD	Single Flat	0.188" (4.7)	90F8309	4.42	4.22
● ETO	Long Conical	0.031" (0.8)	33F1825	4.44	4.24
● ETS	Long Conical	0.016" (0.4)	51F3536	4.66	4.45
● ETK	Long Screwdriver	0.047" (1.2)	26M8268	4.66	4.45
● ETL	Long Screwdriver	0.078" (2.0)	26M8269	4.44	4.24
● ETM	Long Screwdriver	0.125" (3.0)	90F8310	4.44	4.24
● ETR	Narrow Screwdriver	0.063" (1.5)	26M8270	4.44	4.24

MP SERIES TIPS FOR WM120 SOLDERING IRON

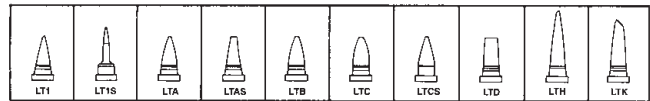
Mfg. Part No.	Tip Style	Tip Size	Stock No.	Price Each	
				1-4	5-24
● MP131	Conical	0.016" (0.4)	33F1656	8.56	8.17
● MP133	Single Flat 40°	0.031" (0.8)	33F1658	8.17	7.81

(5916)

LT SERIES SOLDERING TIPS



Weller®



- Solid copper plated with iron all over
- Nickel and chromium behind the working surface
- Designed to provide maximum heat transfer from the heater to the tip

LT series soldering tips for use with mfg. part no. WSP80 soldering pencil; order separately on pages 1996-1997.

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
● LT1	0.010"W x 0.43"L Reach Round	83F4100	7.10
● LT1L	0.008"W x 0.98"L Reach Round	17C6588	7.10
● LTL	0.008"W x 0.98"L Reach Round	17C6585	7.10
● LT1S	0.008"W x 0.53"L Reach Round	83F4101	7.10
● LT1SLX	0.012"W x 0.076"L Reach Round	07C8835	7.10
● LTS	0.016"W x 0.79"L Reach Round	17C6587	7.42
● LTAS	0.063"W x 0.38"L Reach Round	83F4103	7.10
● LTCS	0.126"W x 0.43"L Reach Round	83F4106	7.08
● LT1LX	0.008"W x 0.98"L Reach Bent Round	17C6589	7.10
● LT1X	0.016"W x 0.37"L Reach Bent Round	17C6590	7.10
● LTH	0.031"W x 0.43"L Reach Chisel	83F4109	7.10
● LTK	0.047"W x 0.73"L Reach Chisel	83F4110	7.10
● LTA	0.063"W x 0.38"L Reach Chisel	83F4102	7.10
● LTB	0.094"W x 0.43"L Reach Chisel	83F4104	7.10
● LTC	0.126"W x 0.43"L Reach Chisel	83F4105	7.10
● LTM	0.126"W x 0.79"L Reach Chisel	17C6586	7.10
● LTD	0.181"W x 0.43"L Reach Chisel	83F4107	7.10
● LT4X	0.047"W x 0.59"L Reach Bent Chisel	26M8278	7.10
● LTAX	0.063"W x 0.50"L Reach Bent Chisel	17C6582	7.10
● LTKN	0.059"W x 0.73"L Reach Knife	17C6584	7.10
● LTF	0.047"W x 0.43"L Reach Single Flat	01C0658	7.42
LTSMT01	0.41"W x 0.28"L Reach SMT Blade	31H9788	133.18
LTSMT03	0.82"W x 0.28"L Reach SMT Blade	31H9790	160.21

(74796)

WDC SOLDERING TIP DRY CLEANING SYSTEM

- Gentle tip cleaning when using lead-free solder — helps extend tip life
- Will not thermally shock tip because tip temperature remains constant
- Prolongs wettability of tip when using water soluble flux
- Collector box with soft edge for tapping off excess solder
- ESD safe



Weller®

Mfg. part no. WDC Dry Cleaner is ideal for use with Weller® soldering tools. Comes complete with one replaceable metal wool ball that is used for removing oxidation layers on solder tip.

Mfg. Part No.	Description	Stock No.	Price Each
● WDC	Free-Standing Soldering Tip Dry Cleaner	34M8975	16.80

(89588)

SOLDERING TIP POLISHING BAR



PLATA®

Mfg. part no. AB-3 polishing bar restores detinned tips for additional service by grinding off baked-on oxidation. If soldering tips are not pitted or worn, buffing with the polishing bar will clean and extends working life of tips.



Mfg. Part No.	Description	Stock No.	Price Each
			1-9
● AB-3	Soldering Tip Polishing Bar	98H2519	15.51

(90319)

SOLDERING TIP ACCESSORIES • SOLDERING GUNS

TIP-TIN TIP TINNER/CLEANER


PLATO®

Lead-free tip tinner/cleaner provides improved cleaning and re-tinning of highly oxidized soldering iron tips. This thermally-stable compound is residue-free and ESD and environmentally safe.



Mfg. Part No.	Description	Stock No.	Price Each
			1-9
● TT-95	Lead-Free Tip Tinner/Cleaner	98H3029	6.74

(79330)

PLATO® SOLDER TIP CLEANING SPONGES


PLATO®


All natural, premium sponges aid in keeping solder tips well tinned and help extend tip life. Removes surface oxides and excess solder from tip while exposing tip point definition. Manufactured from natural cellulose that holds many times its weight in water (expands to 1") and resists abrasion and tearing forces which occur during the tip wiping process. Meets ANSI (J-STD-001B) requirements for low sulphur content and fine porosity. Other sizes available; go online or call. Sold in packages of 10.

Mfg. Part No.	Size (In.)*	Description	Stock No.	Price per Pkg.
				1-9
● CS-1	1.50 x 2.12	Weller SP-60, Pace 4021-0005	57J3334	16.75
● CS-11	2.00 x 2.63	Plato Vac Kits and Hot Grips	68K2250	18.02
● CS-36	2.25 x 3.50	Hexacon 8141 and 8141C	68K2251	19.67
● CS-40	2.50 x 3.25	Edsyn Loner RS-199	68K2252	20.78
● CS-44	2.70 x 2.70	Hakko 609-029 and A-1042, Weller TC205	68K2253	18.66
● CS-44M	2.70 x 2.70	Weller EC305, Hakko A-1042 with Swiss Cheese holes	68K2254	20.99
● CS-47	2.10 x 3.20	Metcal STSS-YS3 and STSS-WS5, Ungar 455 and UTC234	68K2255	18.66

*Dry, compressed state
(79316)

TIP TINNER

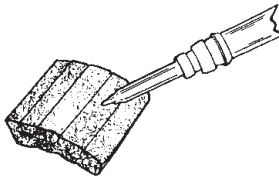
This lead-free tip tinner has been formulated to prolong tip life, protecting tips from the harsh soldering environments of rosin, no-clean and water soluble fluxes.


SPC
TECHNOLOGY

Mfg. Part No.	Diameter	Weight	Stock No.	Price Each
				1-4
1471	1"	½ oz.	10N694	5.21
1472	2"	1½ oz.	10N695	13.08

(19348)

SOLDER SPONGES


SPC
TECHNOLOGY


Mfg. part no. 1649: 2.2 x 3.5". Mfg. part no. 1652: 2.6 x 2.6". Sold in packs of 10.

Mfg. Part No.	Use with	Stock No.	Price Each	
			1-9	10-24
● 1649	Weller DS-100, EC-1000, EC-2000	92N3501	17.96	16.16
● 1652	Weller WTCP, EC-3000, EC-4000, TC205	92N3504	18.01	16.20

(28573)

KLEEN-TIPTM SPONGE AND TRAY


Weller®

Mfg. part no. 400 sponge and tray used to clean soldering tips. Phenolic tray fastens to bench. Order mfg. part no. 455 replacement sponge separately below.

400

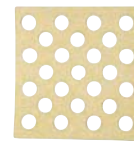
Mfg. Part No.	Description	Stock No.	Price Each
			1-4
400	Sponge and Tray Set	33F683	12.58
455	Replacement Sponge	33F684	2.10

(5744)

SOLDER TIP SPONGES

Weller®


TC205



EC305

Mfg. Part No.	Stock No.	Price Each
		1-4
TC205	34F1030	1.52
EC305	66F9479	2.68

(19431)

ESF 120 ESD CIRCUIT BOARD VISE


Weller®

Mfg. part no. ESF 120 ESD circuit board vise has the same design as the mfg. part no. ESF vise but is ESD safe. Complete work center for placing, soldering, and desoldering printed circuit boards. Allows boards to be rotated 360 degrees. Adjusts to handle circuit boards up to 6¼" x 9¼" (160 x 235).

Mfg. Part No.	Stock No.	Price Each
		1-4
ESF-120ESD	66F7803	63.79

(19430)

HEAVY-DUTY SOLDERING GUN KIT

- Balanced Pistol-Grip Design
- Twin Lights To Illuminate Work
- 2-Position Trigger Selection of Dual Heats


Weller®


Mfg. part no. D550PK kit contains mfg. part no. D550 soldering gun, 1 sealing tip, flux brush, soldering aid tool, 40/60 rosin-core solder, plastic carrying case, and booklet. UL listed.

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
D550PK	Soldering Gun Kit	33F132	68.55
D550	Soldering Gun	33F129	58.39
● 7250	2 Copper Soldering Tips	26M8402	5.66
● 7250N	Solder Tip with Nuts	26M8403	5.66
● 6130	Cutting Tip with Nuts	33F137	5.62
● 6140	Smoothing Tip with Nuts	33F138	5.39
● 7324	Switch for Dual Heat Models	33F163	13.33

(5856)

Current Order Status & History

Check the status of your current order or access past orders from our website under MY ACCOUNT eSuite. Log in or register today.

(148881)

SOLDERING GUNS • HEAT GUNS

MEDIUM-DUTY
SOLDERING GUN KIT

- All-Purpose Soldering Gun Ready To Solder In 6 Seconds
- Fingertip Trigger Selection
- High-Efficiency Tin-Plated, Pure Copper Tip
- Compact, Balanced Pistol-Grip Design



Mfg. part no. 8200PK 8-piece soldering kit contains mfg. part no. 8200 all-purpose gun, 1 soldering tip, 1 sealing tip, 1 cutting tip, flux brush, soldering aid tool, coil of 4% rosin-core solder, sturdy plastic carrying case, and soldering hints booklet. UL listed.

Mfg. Part No.	Description	Stock No.	Price Each
8200PK	140/100W Soldering Gun Kit	33F158	50.77
8200	140/100W Soldering Gun	33F148	43.15
● 6110	2 Cutting Tips, Nickel-Plated Copper	33F135	5.40
● 6120	2 Smoothing Tips, Nickel-Plated Copper	33F136	5.41
● 8125	2 Premium Iron and Tin-Plated Tips	33F149	5.66
● 8125N	Solder Tip with Nuts	26M8404	5.66
● 7135W	2 Copper Soldering Tips	33F124	5.66
● 7135N	Solder Tip with Nuts	33F140	5.66

(5857)

HIGH-POWER
SOLDERING GUN

- High-Power Output: 300W In High Position, 200W in Low Position
- Nickel-Plated Copper Secondary
- Heat-Resistant Thermoplastic Housing
- Tin-Plated Copper Tip



Mfg. Part No.	Stock No.	Price Each
D650	92F7641	82.53

(5917)

BENCHTOP SOLDER FUME AND SMOKE ABSORBER

- Fan air flow rate: 87-107cfm
- Replaceable carbon-activated filter system
- Stand adjusts to varying angles
- Quiet fan operation, 45-50dB
- ESD safe housing
- Convenient carry handle
- 62" Power cord with 3-wire plug

Ideal for removing flux fumes from soldering workbench. Great for workspaces using more active fluxes being used with lead-free solder. Fumes are absorbed by a replaceable carbon-activated filter. Electric fan motor rated 120VAC, 20W, 50/60Hz, 61.47322 BTU/Hr. Includes one replacement filter, users guide and one year manufacturer's warranty. Mfg. part no. WAS350F replacement filters can be ordered separately; go online or call.



Mfg. Part No.	Description	Stock No.	Price Each
WAS350	Benchtop Solder Fume and Smoke Absorber	70K9977	66.87

(87073)

PORTASOL® PRO PIEZO
CORDLESS SOLDERING TOOL KIT

- ESD-Safe to Protect Components
- Pushbutton Piezo Ignition
- Fast Heat-Up, Melts Solder in 40 Seconds
- Gas Capacity Allows for 1-Hour of Continuous Use
- Soldering Tips are Iron-Plated

Contains tool, mfg. part no. PPT9 hot air tip, mfg. part no. PPT10 hot knife tip, mfg. part no. PPT11 hot air deflector tip for heat-shrink tubing, mfg. part no. PPT12 flame tip, sponge and tray, tool holder, and operating instructions. Tips sold separately; see below.



Mfg. Part No.	Description	Stock No.	Price Each
P2C	Portasol®, Self Igniting, Pro-Piezo, Carded	18C1874	37.38
P2KC	Portasol®, Kit, Self Igniting, Pro-Piezo, Carded	18C1875	74.86

TIPS

Mfg. Part No.	Description	Stock No.	Price Each
PPT1	Single Flat Tip, 1/32"	18C1861	11.00
PPT2	Single Flat Tip, 3/32"	18C1866	11.00

▶ CONTINUED ▶

PORTASOL® PRO PIEZO CORDLESS SOLDERING TOOL KIT (CONT.)

TIPS

Mfg. Part No.	Description	Stock No.	Price Each
PPT5	Double Flat Tip, 1/32"	18C1869	11.00
PPT6	Double Flat Tip, 3/32"	18C1870	11.00

(66372)

3-IN-1 SELF-IGNITING TRIGGERTORCH™

- Includes soldering iron and heat tip for soldering up to 752°F and heating up to 932°F
- Gas adjustment wheel provides adjustable long blue torch flame with temperatures up to 2500°F
- Incorporates "Trigger" switch with "Pulldown" lock to meet Consumer Products Safety Commission (CPSC) child safety requirements
- Incorporates a "Hand Free" slide lock for continuous use and instant off operation
- Unique shutter lever extinguishes flame before using soldering or heat tip to prevent overheating



MT-76

MT-76K

Triggertorch™ with table top stand, solder tip (mfg. part no. 35386) and heat tip (mfg. part no. 35387). Mfg. part no. MT-76K Triggertorch™ kit also includes hot knife tip (mfg. part no. 35400), shrink attachment (mfg. part no. 35394), polyfoam cutter (mfg. part no. 35396), 5" wire cutter, 5" needle nose pliers, 60% solder and sponge packed in a durable plastic case. Runs approximately 2 hours on full charge (unit is shipped without fuel).

Mfg. Part No.	Description	Stock No.	Price Each
MT-76	Triggertorch	34C6784	57.60
MT-76K	Triggertorch Kit	04H7600	80.64

(68868)

MICROTORCH™ MT-51 SERIES



MT-51

MT-51B

MT-51H

- Produces a Broad Yellow or Blue Pinpoint Adjustable, Wind-Resistant Flame with Temperatures Up to 2500°F
- Built-In Self-Igniting Switch
- Meets Consumer Products Safety Commission (CPSC) Child Safety Requirements
- Runs Approximately 2 Hours on a Full Charge (Unit is Shipped Without Fuel)

MT-51 is a hand held or table top butane-powered Microtorch™. Wide stable base makes it perfect for hands-free use. Mfg. part no. MT-51 is an open flame torch only. Mfg. part no. MT-51B includes 15/16 oz. can of Ultratane butane. Butane under 1 oz. ships without hazardous material charges. Mfg. part no. MT-51H is a "2 in 1" open flame torch and flameless heat tool with heat shrink attachment.

Mfg. Part No.	Stock No.	Price Each
MT-51	34C6783	32.00
MT-51B	60M1691	30.00
MT-51H	66K7500	40.00

(68869)

ULTRATORCH™ HEAT TOOL



- Completely portable, lightweight and easy to handle
- Does not require cords, batteries or cartridges
- Adjustable temperature control regulate power to the tip
- Unique tips heat up quickly and last longer
- Built-in window indicates fuel level
- Ultratip™ technology for use with lead-free soldering materials



The UT-35 includes a UT-35 iron with protective cap and a unique 1.66mm chisel type preheat tip mounted. Features unique iron plated, multifunction, corrosion resistant, preheat solder tips which work as both a soldering and flameless heat tip at the same time.

SPECIFICATIONS:

System:	Infrared/Ultra Infrared Catalyst Combustion Butane Gas Reaction System
Size:	7.3" (185mm) long without cap

▶ CONTINUED ▶

HEAT GUNS

ULTRATORCH™ HEAT TOOL (CONT.)

Weight:	2.6 oz. (74g) with cap
Soldering Tip:	932°F/500°C (equivalent to a 20-60W soldering iron)
Knife Tip:	932°F/500°C
Flameless Heat Tip:	1200°F/650°C
Torch Tip:	2372°F/1300°C (Blue Flame)
Avg. Run Time:	1 hr. (full charge)
Integrated Fuel Tank Refillable Capacity	12ML

Mfg. Part No.	Stock No.	Price Each
UT-35	04H8418	49.00

(84343)

MASTER® AND VARITEMP®
HEAT GUNS/ KITS
MASTER
APPLIANCE


Production line quality heat guns for high volume heat. Average air velocity: 3000FPM. Feature double-jacketed heater housing to protect mica-insulated ceramic heat element, and die-cast aluminum housing to protect motor assembly. Adjustable air intake and non-slip stand. Heavy-duty, oil-resistant 3-wire cordset with molded-on grounded 3-prong plug. 120V models are UL listed. **Mfg. part no. HG-201A** and **HG-301A** are CSA certified. 8L x 5.25W x 9.5"H (203.2 x 133.35 x 241.30). 3½ lbs. Order additional heat elements and optional attachments separately below.

MASTER® HEAT GUNS, 120V

Mfg. Part No.	Amps	Watts	Temp. (°F)	Stock No.	Price Each
					1-2
HG-201A	5	600	200/300	37F1442	140.42
HG-301A	12	1440	300/500	37F1437	136.85
HG-501A	14	1680	500/750	37F415	136.85
HG-751B	14.5	1740	750/1000	37F422	136.85

MASTER® HEAT GUN KITS, 120V

Kits include heat gun, A-160-HG shrink attachment, 51543 spreader attachment, 51544 reducer attachment and 51013 storage case.

Mfg. Part No.	Amps	Watts	Temp. (°F)	Stock No.	Price Each
					1-2
HG-301AK	12	1440	300/500	66K7454	202.80
HG-501AK	14	1680	500/750	58K3448	202.80
HG-751BK	14.5	1740	750/1000	66K7455	202.80

VARITEMP® HEAT GUNS

The Varitemp® **mfg. part no. VT750C** allows you to dial temperature from ambient to 1000°F—locks in place for continuous production use. 120V. Reinforced ceramic heat element has double-jacket housing for protection. Die-cast aluminum housing protects motor assembly. 3-wire, oil-resistant cordset. **Mfg. part no. VT-750CK** heat gun kit includes heat gun, A-160-HG shrink attachment, 51543 spreader attachment & 51544 reducer attachment and 51013 storage case. **Mfg. part no. VTS-750** deluxe heat gun includes pivoting handle and slide grip with removable stand. UL listed.

Mfg. Part No.	Amps	Watts	Temp. (°F)	Stock No.	Price Each
					1-2
VT-750C	14.5	1740	Ambient - 1000	87F2611	197.80
VT-750CK	14.5	1740	Ambient - 1000	83K1752	271.70
VTS-750	14.5	1740	Ambient - 1000	59M8864	275.60

HEAT ELEMENTS FOR MASTER® AND VARITEMP® HEAT GUNS

Mfg. Part No.	For Use With	Stock No.	Price Each
			1-2
HAS-042K	Master Appliance Model HG201A Heat Gun	37F1767	29.15
HAS-041K	Master Appliance Model HG301A Heat Gun	37F1769	29.15
HAS-011K	Master Appliance Model HG501A Heat Gun	37F1772	28.25
HAS-043K	Master Appliance Model HG751B Heat Gun	37F1774	28.25

ATTACHMENTS FOR MASTER® HEAT GUNS

Mfg. Part No.	Fig.	Description	Stock No.	Price Each
				1-2
51309	1	0.250" (5.08) Pinpoint Heat Attachment	37F427	16.32
A-160-HG	2	Baffle for Tubing to 0.750" (19.05) O.D.	37F425	16.32
A-170-HG	3	Baffle for Tubing 0.750" (19.05) to 2" (50.8) O.D.	37F426	16.32

(5724)

PH-1100 PROHEAT® HEAT GUN


MASTER
APPLIANCE


Lightweight, industrial heat gun provides the user with two heat settings of 423°F and 803°F. Lexan® housing for high impact durability. Three-position with rocker switch; no cool down required. **Mfg. part no. PH-1100K** Proheat® kit includes heat gun, attachments **mfg. part nos. 35016, 35017** and storage case. *Attachments for mfg. part no. PH-1100 sold separately on this page.*

Mfg. Part No.	Description	Stock No.	Price Each
			1-2
PH-1100	Heat Gun	93F7822	102.35
PH-1100K	Heat Gun Kit	24K3796	117.00

ATTACHMENTS FOR PROHEAT® HEAT GUN

Mfg. Part No.	Fig.	Description	Stock No.	Price Each
				1-2
35017	1	Shrink Attachment	93F7824	16.32
35016	2	Spreader Attachment	93F7825	24.64
35026	3	Nozzle Shield	93F7828	15.54

(5625)

PROHEAT® VARIAIR™ HEAT GUN


MASTER
APPLIANCE


- Compact, lightweight, easy-to-use design
- Special electronic closed loop temperature control system maintains constant temperature when varying airflow or using specialty attachments
- Use to heat temperature sensitive materials
- Base provides built-in stand for hands-free use

SPECIFICATIONS:

Voltage:	120V, 60Hz, 11A
Output:	1300W max.
Temperature (Variable):	130°F - 900°F (54°C - 482°C)
Airflow Volume (Variable):	6-15CFM
Airflow Velocity:	1425-3550FPM
Nozzle Opening:	0.87" diameter
Cordset:	6', 3-wire grounded
Dimensions: (L x W x H)	8.2 x 3.0 x 7.3"
New Weight:	28 oz. (794g)
Motor:	Permanent magnet

Mfg. part no. PH-1300-1 heat shrink system includes heat gun, stand and attachment **mfg. part no. 35292**. **Mfg. part no. PH-1300K** heat gun kit includes heat gun, 5 attachments **mfg. part no. 35309** and storage case. *Order replacement attachments separately on page 2012.*

Mfg. Part No.	Description	Stock No.	Price Each
			1-2
PH-1300	Heat Gun	24K3798	183.00
PH-1300K	Heat Gun Kit	24K3799	239.00
PH-1300-1	Heat Shrink System	20K7710	194.00

(84344)

TechCast®
Product
Training

(148857)

Use the library of online training modules located on our homepage under Useful Tools, with specific guidance for complex solutions.

HEAT GUNS

VARITEMP® HEAT GUNS


MASTER
APPLIANCE


PH-1200K



PH1200-1



PH-1200



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6

- Compact, lightweight, easy-to-use design
- Variable temperature 130°F to 840°F (54°C to 449°C)
- Special electronic closed loop temperature control system

- Maintains constant temperature
- Protects unit from overheating when using specialty attachments
- Patented heat controls and housing design
- Base provides built-in stand for hands-free use

SPECIFICATIONS:

Voltage:	120V, 60Hz, 11A
Output:	1300W max.
Temperature (Variable):	Variable 130°F - 840°F (49°C - 449°C)
Airflow Volume (Variable):	15CFM
Airflow Velocity:	3584FPM
Nozzle Opening:	0.87" diameter
Cordset:	6', 3-wire grounded
Dimensions: (L x W x H)	8.2 x 3.0 x 7.3"
New Weight:	26 oz. (737g)
Motor:	Permanent magnet

The Varitemp® mfg. part no. PH-1200K heat gun kit includes heat gun, attachments and storage case. Order replacement attachments sold separately below.

Mfg. Part No.	Description	Stock No.	Price Each
PH-1200	Heat Gun	93F7823	171.35
PH-1200K	Heat Gun Kit	24K3797	204.00
PH1200-1	Heat Shrink System	50B4987	159.00

ATTACHMENTS FOR VARITEMP® PH1200 HEAT GUN

Mfg. Part No.	Fig.	Description	Stock No.	Price Each
35017	1	Shrink Attachment	93F7824	16.32
35016	2	Spreader Attachment	93F7825	24.64
35293	3	9/16" Reducer	24K0649	10.95
35294	4	5/16" Reducer	37K5963	10.95
35026	5	Nozzle Shield	93F7828	15.54
35292	6	Specialty Connector	73J7304	10.95

(5725)

8

MASTER-MITE® HEAT AND ESD HEAT GUNS


MASTER
APPLIANCE

Quiet-running, brushless, 120V continuous-duty motor. 3-wire grounded cord set. High-impact plastic housing withstands hard knocks. Air velocity just right for benchtop use. Won't blow small components around work area. Adjustable stand and 1" heat shrink attachment are standard for both models. Mfg. part no. 10008 has standard 650°F heat element. ESD Mfg. part no. 10012 has 800°F element and conductive housing that will not build up or hold a static charge. Both are UL listed. Mfg. part no. 10008 also CSA certified.



Mfg. Part No.	Amps	Temp. (°F)	Stock No.	Price Each
10008	4.0	650	37F1450	99.44
10012	4.5	800	92C2530	159.33

ADDITIONAL HEATING ELEMENTS FOR MASTER-MITE® GUNS

Mfg. Part No.	Color Code	Temp. (°F)	Watts	Stock No.	Price Each
20013	Silver	650	475	37F2901	34.78
20014	Black	800	525	37F2902	34.78

(5726)

DUAL TEMPERATURE HEAT GUN



RoHS Compliant Available

SPC
TECHNOLOGY


- Output: 1300 Watts
- Voltage: 120 VAC/60Hz
- Dual Temperature: Low 600°F, High 950°F
- Industrial grade rubber power cord
- Double insulated for safe operation
- Reinforced heating element for longer life
- One year warranty

Features a dual temperature switch Heat gun designed for general purpose intermittent use. Optional heat nozzles available online or call Newark.

Mfg. Part No.	Description	Stock No.	Price 1-4
● SPC20539	Dual Temperature Heat Gun	02M6856	44.61

(89396)

VARIABLE TEMPERATURE HEAT GUN



RoHS Compliant Available

SPC
TECHNOLOGY


- Output: 1400 Watts
- Voltage: 120 VAC/60Hz
- Variable Temperature: Up to 1050°F
- 3 Stage Airflow: Cool Air, 140°F Low Speed High Speed
- Industrial grade rubber power cord
- Double insulated for safe operation
- Reinforced heating element for longer life
- One year warranty

Variable temperature heat gun featuring 2 airflow settings with heat and selectable cool air stage for maximum user control. This model also has a soft grip handle for comfortable operation. Optional heat nozzles available online or call Newark.

Mfg. Part No.	Description	Stock No.	Price 1-4
● SPC20538	Variable Temperature Heat Gun	02M6855	63.14

(89398)

VARIABLE TEMPERATURE HEAT GUN KIT


SPC
TECHNOLOGY

Kit Includes:

- Variable Heat Gun, SPC Type No. (SPC20538)
- 3" (75mm) Spreader Nozzle, SPC Type No. (SPC20540)
- 1 1/4" (39mm) Reflector Nozzle, SPC Type No. (SPC20541)
- Heavy Duty Carrying Case
- One year warranty



Mfg. Part No.	Description	Stock No.	Price 1-4
● SPC20537	Variable Temperature Heat Gun Kit	02M6854	80.03

(89399)

HEAT GUN NOZZLES


SPC
TECHNOLOGY


SPC20540

SPC20541

Mfg. part No.	Description	Stock No.	Price 1-9
● SPC20540	Heat Gun Spreader Nozzle, 3" (75mm)	02M6857	13.25
● SPC20541	Heat Gun Reflector Nozzle, 1 1/4" (39mm)	02M6858	13.25

(89397)

STANDARD-DUTY 1000W HEAT GUN



RoHS Compliant Available

Weller®


1080



1082

- Dual Temperature: 1200°F (1000W) and 790°F (400W)
- Ideal For Most Applications
- Lightweight, Only 22 Ounces!
- 3-Wire Grounded Plug With 6' Cord
- 3-Way Switch (High-Off-Low)
- UL Listed

Mfg. Part No.	Description	Stock No.	Price Each
1095	General-Purpose Heat Gun	87F3433	69.23
● 1080	Reducer for Concentrating Heat	87F1629	8.45
● 1082	Reflector for Heat Shrink	87F1631	8.45

(5889)

HEAT GUNS • BUTANE – SOLDERING

MAGNA-LITE™ BUTANE-POWERED TABLETOP TORCH

- Fast, reliable Piezo electronic ignition system
- Wind-resistant 2400°F flame
- Adjustable flame length and level of heat output
- Up to 60 minutes continuous use
- Built-in stands holds torch upright for tabletop use
- Flame lock-on allows hands-free operation
- Ergonomic textured rubber grip for comfortable control

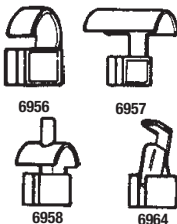
Powerful, compact and portable **mfg. part no. ML200** Magna-Lite butane-powered tabletop torch is perfectly suited for heat-shrink tubing, fusing rope ends, frozen or rusted locks, nuts and bolts, soldering and brazing, heating and bending thin metal, and many other uses around the home, shop, boat or campsite. Refillable in just 20 seconds using **mfg. part nos. WB1** or **WB2** filtered butane fuel; ordered separately, *go online or call*. Child-resistant safety trigger lock meets Consumer Products Safety Commission (CPSC) guidelines.

Mfg. Part No.	Description	Stock No.	Price Each
ML200	Magna-Lite Butane-Powered Tabletop Torch	10M6684	31.17

(89373)

Weller®**ESD-SAFE LIGHTWEIGHT 250W HEAT GUN**

- Long-Life Heater and Fan Components
- Approx. 750°F to 800°F Hot Air at Nozzle
- 3-Position Switch (Hot-Off-Cool)
- 3-Wire Grounded Plug With 6' Power Cord
- Weighs Only 13 ounces!

**Weller®**

Mfg. part no. 6966C heat gun is designed for assembly and repair applications in production plants, labs and service shops. Ideal for shrink tubing and vinyl/T.F.E., epoxy curing, drying and cooling. Heat gun comes complete with the following 4 attachments (shown): **mfg. part no. 6956** 1/2" reflector, **mfg. part no. 6957** 1 1/2" reflector, **mfg. part no. 6958** reducing baffle and **mfg. part no. 6964** 0.20" precision reflector. UL listed. Order replacement attachments and **mfg. part no. 6965A** heat gun wire stand separately below.

Mfg. Part No.	Description	Stock No.	Price Each
6966C	Heat Gun with 4 Attachments	35F3074	169.35

REPLACEMENT ATTACHMENTS AND HEAT GUN WIRE STAND

			Price Each
● 6956	1/2" Reflector	87F1633	3.08
● 6957	1 1/2" Reflector	87F1634	3.25
● 6958	Reducing Baffle	87F1635	5.81
● 6964	0.20" Precision Reflector	87F1632	11.51
6965A	Heat Gun Wire Stand	35F3075	26.80

(5890)

MAGNA-LITE™ BUTANE-POWERED MICRO TORCH

- Piezo electronic ignition system for reliable ignition every time
- Blue LED light illuminates work in dark conditions
- Adjustable flame height (2400°F)
- Nozzle cover prevents accidental ignition
- Handy keyring lanyard

**Weller®**

Portable, self-igniting, self-contained Magna-Lite butane-powered micro torch. Ideal for heat shrink tubing, fusing rope ends, frozen locks, camping, first aid, labs and boating. Runs up to 25 minutes on a full tank. Refillable with **mfg. part nos. WB1** or **WB2** filtered butane; ordered separately, *go online or call*.

Mfg. Part No.	Description	Stock No.	Price Each
ML100	Magna-Lite Butane-Powered Micro Torch	84K0484	12.09

(88541)

HEAVY-DUTY 750W HEAT GUN

- Heavy-duty with long-life heater and motor
- Dual-temperature: 1000°F (750W) and 700°F (350W)
- 3-Way switch (High-Off-Low)
- 3-Wire grounded 6' power cord
- UL listed

**Weller®**

Uses the same accessories as **mfg. part nos. 1095** heat gun (order separately on page 2012) and **6966C** heat gun (order separately on this page).

Mfg. Part No.	Description	Stock No.	Price Each
6970	Industrial Heat Gun	46F3182	116.59
6959	Adapter for Mfg. part no. 6966C Attachments	32F999	15.71

(5891)

ISO-TIP SOLDER PRO BUTANE SOLDERING IRONS**WAHL®/ISO-TIP**

Can be used as torch, heat gun, hot knife or soldering iron. Runs on standard butane fuel (not included). All models include 1mm conical tip and protective cap with lighter. **Mfg. part no. 7977** includes torch attachment and automatic ignition. **Mfg. part no. 7459** silver bearing solder paste works with heat or torch. Five times stronger than ordinary solder (tensile strength to 25,000 PSI). Solders all metals. Order additional soldering iron tips separately below.

Mfg. Part No.	Description	Run Time (Min.)	Temp. Range	Stock No.	Price Each
7971	Solder Pro 50	30	410°F - 750°F	95B5129	32.39
7974	Solder Pro 70	120	410°F - 810°F	95B5130	48.58
7977	Solder Pro 120	200	480°F - 950°F	95B5131	90.81

REPLACEMENT TIPS AND SOLDER PASTE

Mfg. Part No.	Description	Stock No.	Price Each
7593	3/16" Bevel Soldering Iron Tip	44F6649	6.04
7577-100	High-Efficiency 3/32" Chisel Soldering Iron Tip	96F6874	7.43
7459	Solder-It Silver Bearing Solder Paste	95B5098	6.29

(47971)

ISO-TIP EZ CHANGE RECHARGEABLE SOLDERING IRON**WAHL®/ISO-TIP**

7670 uses standard "C" NiCad batteries. Comes standard with two 1400mAh NiCad batteries, fine tip and tip cover. Order additional solder tips separately; *go online or call*.

Mfg. Part No.	Stock No.	Price Each
7670	95B5099	38.04

(47972)

PYROPEN® CORDLESS BUTANE SOLDERING IRONS**Weller®**

WPA-2



WSTA6

- Lightweight and completely portable
- Does not require cords, batteries or cartridges
- Butane gas operated soldering, brazing, and hot air tool

- Temperature control
- Ready to use in 30 seconds
- Ideal for field service jobs

Mfg. part no. WSTA3 Pyropen® professional iron comes with **mfg. part no. WPT2** and **WHC51** tips, torch ejector, spanner, cleaning sponge and operating manual, all in a metal storage case. Temperature adjusts from 392°F to 932°F; 25W to 60W. Sturdy metal tank holds enough gas for three hours of operation. **Mfg. part no. WPA-2** is Pyropen® professional iron without case. **Mfg. part no. WSTA-6** Pyropen® Jr. iron is supplied with **mfg. part no. WPT01** and **WHC0152** tips and a protective cover. Has a temperature range of 392°F to 832°F; 15W to 60W and handle holds 1hr. butane gas reserve. **Mfg. part no. WST-2** Pyropen® Jr. mini iron is a pocket-sized version that includes **mfg. part no. WPT15** tip. Has a temperature range of 392°F to 842°F; 15W to 60W and holds 1hr. butane gas reserve. All models can be refilled using **mfg. part no. WB1** or **WB2** butane lighter gas; ordered separately, *go online or call*.

Mfg. Part No.	Stock No.	Price Each
WSTA3	89F3425	129.15
WPA-2	50F801	171.46
WSTA6	26H7371	74.36
WST-2	50F802	103.95

(5901)

PORTASOL® SELF-IGNITING SOLDERING TOOL KIT**Weller®**

- Ideal for Soldering, Heat Shrink or Cutting Rope
- Cordless, Self-Igniting Butane Tool
- Runs for 2 Hours on Full Tank
- Auto Safety Shut-Off Switch on Cap
- Temperature is Adjustable Up to 1076°F



Mfg. part no. PSI100K kit includes iron, sponge, stand, and extra tips in plastic case. **Mfg. part no. PSI100C** is iron only, no case.

PSI100K

Mfg. Part No.	Desc.	Stock No.	Price Each
PSI100K	Kit	92F5085	93.42
PSI100C	Iron Only	09B9912	71.02

(5853)

BUTANE – HEAT TOOLS • SOLDER

GENERAL INDUSTRIAL
BUTANE-POWERED
TORCH**MASTER**
APPLIANCE

Portable self-igniting, self-contained refillable butane powered heavy-duty torch. Produces a long broad blue adjustable flame (2,500°F/1,300°C) with high BTU output for many industrial/commercial/automotive applications. Shrink and terminate heavy wall adhesive lined tubing. Braze with special alloy welding rods, heat and bend thin metal sheets, solder/desolder, pop dents out of metal, expand rusted bolts, and many other applications. Runs up to 30 minutes on a full tank.

Mfg. Part No.	Stock No.	Price Each
GT-70	19C8582	1-2 74.75

(64672)

ULTRATORCH BUTANE
POWERED SOLDERING
IRON AND HEAT TOOL**MASTER**
APPLIANCE

- Ultratip™ technology for use with lead-free soldering materials

Ideal for pinpointing heat, shrink tubing, solder and desolder large gauge wire, strip insulation, terminate specialty connectors and more. **Mfg. part no. UT-300SI** has a self igniting, pistol grip design with long 3-hour capacity, built in fuel window and adjustable temperature up to 932°F/500°C with solder tip (equivalent to a 200 Watt soldering iron), and 1112°F/600°C with heat tip. 7mm dia. chisel tip, 6.6mm I.D. heat tip, shrink attachment and protective plastic cap.

Mfg. Part No.	Stock No.	Price Each
UT-300SI	18C0445	1-2 182.85

(64676)

ULTRATORCH® BUTANE GAS-POWERED
SOLDERING IRONS**MASTER**
APPLIANCE

UT-40SI

UT-40SIK

- Ultratip™ technology for use with lead-free soldering materials

Mfg. part no. UT-40SI/SIK professional quality, self-igniting, refillable, butane powered soldering iron and flameless heat tool, operates 1.3 hours per refill. Adjustable temperature flow setting up to 840°F (solder tip), 1200°F (heat tip). Features a lightweight, easy to hold plastic body and easy-to-use self-igniting slide switch. **Mfg. part no. UT-40SI** includes soldering tip, heat tip, and protective cap. **Mfg. part no. UT-40SIK** kit includes solder tip, heat tip, hot knife tip, shrink attachment, protective cap, sponge, and stand in a rugged plastic case.

Mfg. Part No.	Description	Stock No.	Price Each
UT-40SI	Soldering Iron	91F1983	1-2 62.54
UT-40SIK	Soldering Iron Kit	19C8581	98.90

(64673)

PEN-SIZED ULTRATORCH® CORDLESS
HEAT TOOL**MASTER**
APPLIANCE

- Torch, heat tool, and soldering iron
- Ultratip™ technology for use with lead-free soldering materials

Mini Ultratorch® fits in your shirt pocket. Butane powered. Comes with soldering tip, heat tip. Temperature: 392-842°F with solder tip; 806°F with heat tip; 2372°F in torch mode. Runs 20 minutes on full charge. UL listed.

Mfg. Part No.	Stock No.	Price Each
UT-50	94F7813	1-2 105.80

(5661)

ULTRATORCH® SELF-IGNITING
CORDLESS HEAT TOOLS**MASTER**
APPLIANCE

UT-100SI-TC



UT-100SI

- Ultratip™ technology for use with lead-free soldering materials

Professional quality, self-igniting, refillable, butane powered soldering iron and flameless heat tool. No torch mode. Includes solder tip, heat tip, shrink attachment, spanner wrench, open end wrench and protective cap. **Mfg. part no. UT-100SI** operates up to 2 hours per refill and **mfg. part no. UT-100SI-TC** up to 120 minutes per refill with adjustable temperature setting up to 932°F with solder tip, 1202°F with heat tip. Kit contains UT-100SI Ultratorch®, three Ultratip® soldering tips, a hot air tip, heat shrink reflector, hot knife, wire cutter, needle nose pliers, coil of 60/40 solder, sponge and cap packed in a rugged plastic carrying case. **Mfg. part no. UT-200SI** Jumbo Ultratorch® operates up to 4-5 hours per refill with adjustable temperature setting up to 986°F with solder tip, 1004°F with heat tip.

Mfg. Part No.	Description	Stock No.	Price Each
UT-100SI	2-Hour Operating Time	93F7820	125.35
UT-100SI-TC	120 Min. Operating Time	60M2702	291.42
UT-200SI	4-5 Hour Operating Time	93F7821	182.85

(5660)

1-STEP LEAD-CHECK TEST



- Incoming inspection of components and PCB boards
- Inspecting existing inventories to separate according to RoHS compliance
- Preventing lead contamination on tools and equipment
- Spot checking poorly marked components at work stations

Lead-Check swabs are a fast, easy-to-use method of testing components and solder joints for lead solder. Incoming components and boards, in addition to existing inventories, can be checked for RoHS compliance. This avoids mixed lead and lead-free inventories, lead contamination in RoHS compliant work areas, and potential penalties for shipping non-compliant products. Lead-Check swab kits are conveniently packaged so every station can be affordably equipped to prevent lead contamination from in-coming and stock boards and components. **Note:** boards and components need to be cleaned after performing the Lead-Check test.

Mfg. Part No.	Description	Stock No.	Price Each
2515-N	8 Lead-Check Swabs	69K5893	1-9 36.13

(85860)

ROSIN-ACTIVATED SOLDER

DURATOOL

Rosin-activated solder offers the most effective form where wetting action is completely non-corrosive and electrically nonconductive. Water-soluble is more effective and heat-stable than rosin fluxes. Residue can be completely removed with water. Mildly active solder has high mobility, fast spreading action that meets military specification QQ-S-571. No-clean solder is environmentally safe. Leaves low amounts of residue which doesn't require cleaning.

ROSIN-ACTIVATED SOLDER, 3.3% FLUX

Mfg. Part No.	Gauge (AWG)	Diameter (in.)	Alloy Content Tin/Lead	Weight (lb)	Stock No.	Price Each
SPC22126	21	0.031	60/40 Sn/Pb	1	20M4920	14.36
SPC22129	16	0.062	60/40 Sn/Pb	1	20M4923	17.60
SPC22132	21	0.031	63/37 Sn/Pb	1	20M4926	22.57
SPC22128	18	0.05	60/40 Sn/Pb	1	20M4922	21.07
SPC22127	19	0.04	60/40 Sn/Pb	1	20M4921	22.57
SPC22130	25	0.02	63/37 Sn/Pb	1	20M4924	27.20
SPC22131	23	0.025	63/37 Sn/Pb	1	20M4925	18.70
SPC22133	19	0.04	63/37 Sn/Pb	1	20M4927	17.72
SPC22135	16	0.062	63/37 Sn/Pb	1	20M4929	17.35
SPC22124	21	0.031	60/40 Sn/Pb	0.5	20M4918	17.37
SPC22125	23	0.025	63/37 Sn/Pb	0.5	20M4919	18.70

➔ CONTINUED ➔

ROSIN-ACTIVATED SOLDER (CONT.)

Mfg. Part No.	Gauge (AWG)	Diameter (in.)	Alloy Content Tin/Lead	Weight (lb)	Stock No.	Price Each 1-4
SPC22123	23	0.025	60/40 Sn/Pb	0.5	20M4917	18.23
SPC22134	18	0.05	63/37 Sn/Pb	1	20M4928	17.60
WATER SOLUBLE SOLDER, 3.3% FLUX						
SPC22136	21	0.031	60/40 Sn/Pb	1	20M4930	18.87
MILDLY ACTIVE SOLDER, 3.3% FLUX						
SPC22138	21	0.031	63/37 Sn/Pb	1	20M4932	22.57
NO-CLEAN SOLDER, 1.1% FLUX						
SPC22139	21	0.031	63/37 Sn/Pb	1	20M4933	14.26
SPC22140	25	0.02	63/37 Sn/Pb	1	20M4934	22.99

(19328)

CIRCUITWORKS® THE MIGHTY PEN™



- Rapid Removal of Pressure-Sensitive Label Adhesives
- Outstanding Cleaning Ability; Removes Soils Quickly
- Simple to Use; Easy to Carry
- Pen Dispenser Provides Controlled Application
- Mild Citrus Aroma
- Fast Drying
- Low Toxicity

The Mighty Pen™ is a universal cleaning pen that is ideal for precise removal of label adhesives, marker and ink stains, and stubborn soils. Weight: 11g (0.39 oz.).

Mfg. Part No.	Stock No.	Price Each 1-9
● CW3700	73C8675	10.72

(73259)

CIRCUITWORKS® CONDUCTIVE PEN



- Quickly Creates Conductive Silver Traces on Most Surfaces
- Valved Pen Tip for Easy Application
- Can Be Soldered at Low Temperatures
- Dries in Minutes at Room Temperature
- Choice of Microtip for Fine Lines or Standard Tip for Wider Lines



Pen dispenser draws highly conductive silver traces, jumpers, and shielding with precision and control.

Mfg. Part No.	Description	Stock No.	Price Each 1-4
● CW2200STP	Standard Tip	00Z1497	38.06
● CW2200MTP	Microtip	00Z1498	38.06

(29682)

CIRCUITWORKS® OVERCOAT PEN



- Protects Conductive Pen Traces
- Hard Durable Coating
- Protects Against Shorting, Arcing, Abrasion and Moisture
- Dries in Minutes at Room Temperature
- Meets MIL-I-46058C and IPC-CC-830A
- Choice of Clear or Green Coating



Pen dispenser provides precise application of a tough protective acrylic conformal coating.

Mfg. Part No.	Description	Stock No.	Price Each 1-4
● CW3300C	Clear	00Z1543	28.08
● CW3300G	Green	00Z1868	28.08

(29683)



(148830)

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CIRCUITWORKS® SILVER CONDUCTIVE GREASE



- Maximum Electrical and Thermal Conductivity
- Protects Against Moisture and Corrosion
- Thermally Stable Over a Wide Temperature Range
- Conductive Lubricant Containing Pure Silver
- Controls Static Discharge and Grounds Circuits



CircuitWorks® Conductive Grease is the syringe dispenser for precise application of grease to provide superior electrical and thermal conductivity, lubrication and protection. Weight: 6.5g.

Mfg. Part No.	Stock No.	Price Each 1-4
● CW7100	00Z1500	29.96

(73260)

CIRCUITWORKS™ LEAD-FREE POCKET SOLDER



- Precision manufactured Lead-Free solder alloy
- 96.5% Tin (Sn), 3.0% Silver (Ag), 0.5% Copper (Cu)
- Type ROL0 flux per IPC J-STD-004
- Ensures even, reliable solder connections
- Cleans and wets heavily tarnished copper surfaces
- RoHS Compliant
- Portable SAC 305 alloy, especially for lead-free rework and repair
- 1.0 mm Diameter



Mfg. Part No.	Description	Length	Stock No.	Price Each 1-4
● S200	Circuit Works™ Lead-Free Pocket Solder	3.18 m	29K6235	20.75

(64877)

48 ROSIN ACTIVATED LEAD FREE STANDARD CORE WIRE SOLDER



- Unparalleled wetting performance
- Excellent solderability and fast wetting to a variety of surface finishes
- Eliminates the need and expense and cleaning
- Low smoke and odor
- Low spattering
- Classified as ROL1 per J-STD-004



48 activated rosin flux for cored solder wire was developed for lead-free applications to enable solder of most common metals. The performance characteristics exceed those of standard RA fluxes. "Instant-action" wetting to provide fast and reliable solder joints. Flux core size: 66.

Mfg. Part No.	Alloy	Diameter (in.)	Gauge	Weight (lbs.)	Stock No.	Price Each
● 24-7068-1400	96.5/3/0.5 Sn/Ag/Cu	0.062	16	1	75J3057	43.56
● 24-7068-1401	96.5/3/0.5 Sn/Ag/Cu	0.020	25	1	19K8814	51.72
● 24-7068-1402	96.5/3/0.5 Sn/Ag/Cu	0.031	21	1	70J9056	40.16
● 24-7068-1404	96.5/3/0.5 Sn/Ag/Cu	0.050	18	1	33K3963	42.76
● 24-7068-1406	96.5/3/0.5 Sn/Ag/Cu	0.025	23	1	33K3952	50.66

(64351)

275 NO-CLEAN LEAD FREE STANDARD CORE WIRE SOLDER



- Colorless translucent residues
- Improves wetting performance
- Excellent solderability and fast wetting to a variety of surface finishes
- Eliminates the need and expense of cleaning
- Low smoke and odor
- Low spattering
- Classified as ROL0 per J-STD-004
- Compliant to Bellcore GR-78



275 no-clean flux for cored solder was developed to provide superior wetting performance for hand soldering in the electronics industry. The chemistry is based on some of the same principles that have been safely used for years in mildly activated rosin fluxes. Results in an extremely clear post-soldering residue without cleaning. The unique chemistry was also designed to reduce spattering common to most core fluxes. Flux core size: 58.

Mfg. Part No.	Alloy	Diameter (in.)	Gauge	Weight (lbs.)	Stock No.	Price Each
● 24-7068-7601	96.5/3/0.5 Sn/Ag/Cu	0.031	21	1	98H3732	41.87
● 24-7068-7603	96.5/3/0.5 Sn/Ag/Cu	0.020	25	1	72J6990	58.36

» CONTINUED »

SOLDER

275 NO-CLEAN LEAD FREE STANDARD CORE WIRE SOLDER (CONT.)

Mfg. Part No.	Alloy	Diameter (in.)	Gauge	Weight (lbs.)	Stock No.	Price Each
● 24-7068-7606	96.5/3/0.5 Sn/Ag/Cu	0.050	18	1	33K3799	43.04
● 24-7068-7607	96.5/3/0.5 Sn/Ag/Cu	0.062	16	1	33K3950	56.17
● 24-7068-7617	96.5/3/0.5 Sn/Ag/Cu	0.025	23	1	08J4198	45.48

(84352)

331 WATER-SOLUBLE LEAD FREE ORGANIC CORE WIRE SOLDER



kester
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- Excellent solderability to a wide variety of metalizations
- Easy residue removal in DI water
- Classified as ORH1 per J-STD-004



331 organic flux is a water soluble formula for use in flux-cored solder wire and is more effective than rosin fluxes in solder difficult metals. The flux is more heat stable than most organic fluxes, resulting in minimal smoke and odor. The residue can be completely removed with a simple water rinse.

Mfg. Part No.	Alloy	Diameter (in.)	Gauge	Weight (lbs.)	Stock No.	Price Each
● 24-7068-6401	96.5/3/0.5 Sn/Ag/Cu	0.020	25	1	07J1569	47.52
● 24-7068-6403	96.5/3/0.5 Sn/Ag/Cu	0.031	21	1	07J1570	44.70
● 24-7068-6409	96.5/3/0.5 Sn/Ag/Cu	0.050	18	1	64J7653	37.54
● 24-7068-6411	96.5/3/0.5 Sn/Ag/Cu	0.062	16	1	33K3961	52.01
● 24-7068-6417	96.5/3/0.5 Sn/Ag/Cu	0.025	23	1	08J4197	61.32

(84353)

LEAD-FREE CORED WIRE SOLDER



Cored wire features ground-breaking, new lead-free flux core formulations to give users an easy transition to lead-free operations. Features a consistent distribution of lead-free flux throughout the solder wire making it ideal for automated wire soldering processes.



511™

511™ LEAD-FREE, NO-CLEAN CORED WIRE SOLDER

C511™ no-clean, clear-residue, cored wire solder features lead-free alloy of Sn96.5/Ag3/Cu0.5 with a melting point of 217°C.

Mfg. Part No.	Description	Diameter (mm)	Reel Quantity	Stock No.	Price Each
● MM02104	SAC305 C511 3C	0.38	1 lb.	32M7029	28.63
● MM01955	SAC305 C511 3C	0.81	1 lb.	42K3275	42.20
● MM01951	SAC305 C511 3C	1.63	1 lb.	32M7028	41.11

HYDRO-X™ LEAD-FREE, WATER SOLUBLE CORED WIRE SOLDER

HYDRO-X™ water-soluble cored wire solder features lead-free alloy of Sn96.5/Ag3/Cu0.5 with a melting point of 217°C.

● MM02253	SAC305 HX 3C	0.38	1 lb.	32M7030	29.16
● MM01950	SAC305 HX 3C	0.81	1 lb.	70K9447	42.57
● MM01947	SAC305 HX 3C	1.63	1 lb.	32M7027	41.47

(90466)

TIN-LEAD CORED WIRE SOLDER



HYDRO-X™

400™ HALIDE-FREE, NO-CLEAN, CLEAR RESIDUE CORED WIRE SOLDER

400™ Sn63/Pb37-cored wire flux offers increased flux content for improved wetting. IPC Class: ROL0.

Mfg. Part No.	Description	Diameter (mm)	Reel Quantity	Stock No.	Price Each
MM01001	Sn63Pb/37 C400 5C 0.032"	0.81	1 lb.	72C1198	19.69
MM01000	Sn63Pb/37 C400 5C 0.015"	0.38	0.5 lb.	72C1197	11.97

➔ CONTINUED ➔

TIN-LEAD CORED WIRE SOLDER (CONT.)

Mfg. Part No.	Description	Diameter (mm)	Reel Quantity	Stock No.	Price Each
502™ Sn63/Pb37-cored wire flux offers good wetting on difficult substrates. IPC Class: ROM1.					
MM01062	Sn63/Pb37 C502 3C 1.63mm	1.63	1 lb.	32M7026	17.80
MM00973	Sn63Pb/37 C502 3C 0.032"	0.81	1 lb.	67C1221	18.88
MM00975	Sn63/Pb37 C502 3C 0.56mm	0.56	1 lb.	32M7025	21.74

HYDRO-X™ HIGH-ACTIVITY, WATER SOLUBLE 3-CORE WIRE SOLDER

HYDRO-X™ Sn63/Pb37 3-core water wash wire flux offers excellent wetting on difficult substrates. IPC Class: ORH1.

MM01076	Sn63Pb/37 HX 3C 1.22mm	1.22	1 lb.	82H2604	18.59
MM00989	Sn63Pb/37 HX 3C 0.81mm	0.81	1 lb.	72C1196	19.43
MM00991	Sn63Pb/37 HX 3C 0.56mm	0.56	1 lb.	42J6191	11.58

HMP HIGH-MELTING POINT SOLDER (574°F) W/366

5% tin, 93.5% lead, 1.5% silver with activated rosin.

MM01007	HMP 366 5C 0.050"	1.22	1 lb.	72C1200	21.89
MM01006	HMP 366 5C 0.022"	0.56	1 lb.	72C1199	14.88

(10020)

44 SERIES RA ROSIN CORE SOLDER



kester
CONNECTING INNOVATION™

High-activity RA core flux designed for excellent instant wetting action, even on nickel surfaces. The residues are noncorrosive if not cleaned. Classified as ROM1 flux per J-STD-004. All RA series are 3% flux.

Mfg. Part No.	Alloy	Diameter (in.)	Gauge	Spool Weight	Stock No.	Price Each
24-6337-0007	63/37	0.015	28	1 lb.	34C5653	40.56
24-6337-0010	63/37	0.020	25	1 lb.	93B8307	34.72
24-6337-0027	63/37	0.031	21	1 lb.	34C5655	25.17
24-6337-0053	63/37	0.050	18	1 lb.	34C5657	24.77
24-6337-0061	63/37	0.062	16	1 lb.	34C5658	32.53
24-6040-0010	60/40	0.020	25	1 lb.	34C5647	34.15
24-6040-0018 1LB	60/40	0.025	23	1 lb.	26C0450	26.70
24-6040-0027	60/40	0.031	21	1 lb.	34C5648	24.54
24-6040-0039	60/40	0.040	19	1 lb.	34C5649	31.49
24-6040-0053	60/40	0.050	18	1 lb.	34C5650	22.80
24-6040-0061	60/40	0.062	16	1 lb.	34C5651	23.20
24-6040-0066	60/40	0.093	13	1 lb.	34C5652	22.89
24-7150-0018	62/36/2ag	0.025	23	1 lb.	34C5668	69.72
24-7150-0053	62/36/2ag	0.050	18	1 lb.	34C5669	60.96
24-6040-0018 1LB	63/37	0.025	23	1/2 lb.	26C0450	26.70

(68901)

"331" ORGANIC AND LEAD-FREE WATER-SOLUBLE CORE SOLDER

331 is designed for optimal cleanliness with water. Highly active water-soluble flux for soldering difficult metals. Classified as ORH1 per J-STD-004. All organic water soluble core solder are 3% flux. Order the lead-free water-soluble version separately below.

"331" ORGANIC WATER-SOLUBLE

Mfg. Part No.	Alloy	Diameter (in.)	Gauge	Spool Weight	Stock No.	Price Each
24-6337-6422	63/37	0.015	28	1 lb.	34C5659	47.90
24-6337-6417	63/37	0.025	23	1 lb.	12C0490	34.95
24-6337-6403	63/37	0.031	21	1 lb.	00Z879	28.63
24-6337-6411	63/37	0.062	16	1 lb.	00Z877	28.23
24-6040-6403	60/40	0.031	21	1 lb.	00Z878	37.25
24-6040-6411	60/40	0.062	16	1 lb.	00Z876	35.79

(68902)

285 RMA FLUX-CORE SOLDER

RMA flux-core solder is RMA-based flux that provides wetting action comparable to that of a typical RA flux. The residues are noncorrosive if not cleaned. Categorized as ROL1 per J-STD-004. Spool weight: 1lb.

Mfg. Part No.	Alloy	Diameter (in.)	Gauge	Flux (%)	Stock No.	Price Each
24-6337-9703	63/37	0.015	28	3	34C5666	52.45
24-6337-9702	63/37	0.020	25	3	90B5872	37.80
24-6337-9718	63/37	0.025	23	3	34C5667	25.90
24-6337-9713	63/37	0.031	21	2	50B4544	24.95
24-6337-9710	63/37	0.031	21	3	00Z875	33.77

(68903)

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245 NO-CLEAN FLUX CORE SOLDER

Halide-free, rosin-based, no-clean flux that provides excellent wetting combined with optimal reliability, and is visually clear. Complies with Bellcore GR-78, and is classified as ROL0 per J-STD-004. Spool weight: 1 lb. except mfg. part nos. 23-6337-8806 and 23-6337-8807 which are ½.

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Mfg. Part No.	Alloy	Diameter (in.)	Gauge	Flux (%)	Stock No.	Price Each
						1-4
24-6337-8806	63/37	0.015	28	1	34C5662	44.14
24-6337-8807	63/37	0.020	25	1	00Z1222	38.45
24-6337-8834	63/37	0.020	25	2	34C5665	36.19
24-6337-8809	63/37	0.025	23	1	01C6854	32.46
24-6337-8800	63/37	0.031	21	1	00Z1122	26.98
24-6337-8801	63/37	0.031	21	2	34C5661	27.03
24-6337-8802	63/37	0.031	21	3	27C3665	34.89
24-6337-8813	63/37	0.040	19	1	34C5663	35.70
24-6337-8814	63/37	0.050	18	1	34C5664	35.35
24-6337-8817	63/37	0.062	16	1	92B5994	32.35
24-6337-8806*	63/37	0.015	28	1	34C5662	44.14

*Spool weight ½ lb.
(68904)

LEAD-FREE "275" NO-CLEAN CORE SOLDER



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Mfg. Part No.	Alloy	Diameter (in.)	Gauge	Spool Weight	Stock No.	Price Each
						1-4
24-7068-7600	SN 96.5/3.0 Ag/3.0 Cu	0.031	21	1 lb.	07J1571	110.80
24-7068-7602	SN 96.5/3.0 Ag/3.0 Cu	0.020	25	1 lb.	07J1573	78.35

(68907)

ULTRAPURE® LEAD-FREE SOLDER BAR



kester
CONNECTING INNOVATION™



Made by a special process which controls the inclusion of oxides and metallic and non-metallic impurities, the Ultrasure® bar ensures faster wetting. The unique shape differentiates it from leaded bars, which reduces operator error when dual systems are used. The Ultrasure® bar is available in tin-copper, tin-silver-copper, and tin-silver alloys.

Mfg. Part No.	Description	Stock No.	Price Each
			1-24
04-7068-0000	Sn96.6/3.0Ag/0.5Cu Lead Free Bar	66K5592	67.21

(68777)

1-POUND EXTRUDED BAR SOLDER

kester
CONNECTING INNOVATION™

Extrusion process assures uniform, high-purity virgin tin and lead.

Mfg. Part No.	Alloy	Description	Stock No.	Price Each
				1-4
04-6040-0000	60/40	SN60PB40 E-Bar	34C5644	45.78
04-6337-0000	63/37	SN63PB37 E-Bar	34C5645	48.13
04-6337-0050	63/37	SN63PB37 Ultrasure	90B7841	41.39

(68908)

Expert technical support

Chat online to our team of engineers, or connect to them through your representative.

(148838)

SYRINGE DISPENSABLE SOLDER PASTE



kester
CONNECTING INNOVATION™

Specifically designed for optimal characteristics in all types of dispensing applications, EM900 lead-free, no-clean and R276 no-clean solder paste. Both have excellent dispensing characteristics with a wide range of needle diameters. Stable tack over 8+ hours. Specifically designed as a consistent dot dispensing paste for automated dispense equipment, R500 water soluble and R505 high-temperature water soluble solder paste. R500 water soluble formula maintains its activity and tackiness characteristics for up to 8 hours and R505 for up to 6 hrs. Both have excellent dispensing characteristics using 21 gauge needles and Type 3 powder.

Mfg. Part No.	Description	Stock No.	Price Each
			Each
55-3343-1103	EM900 Lead-Free, No-Clean	06M6735	34.72
55-3343-1107	EM900 Lead-Free, No-Clean	94M4800	70.54
57-3903-5403	R276 No-Clean	12C2307	50.75
57-3901-5403	R276 No-Clean	18C3927	32.06
57-3903-5407	R276 No-Clean	37J1045	100.76
57-3901-5407	R276 No-Clean	42H5439	58.01
57-3043-5403	R276 No-Clean	96K5726	34.72
57-3901-5607	R500 Water Soluble	07C0872	63.83
57-3901-5603	R500 Water Soluble	29C6484	28.22
57-3543-5903	R505 High-Temperature, Water Soluble	08J5566	30.58

(116813)

GENERAL-PURPOSE AND PRECISION SOLDER POTS



PLATA

General-Purpose Solder Pot Features:

- Three-position control switch with infinitely variable temperature control (11°F)
- Safety heat shield
- Removable dross tray for easy cleaning
- Three-wire grounded UL listed cord
- 2.5" (64mm) diameter by 1.5" (38mm) deep crucible
- Adjustable leveling feet
- Capacity: 2 lbs. (1 kg)
- All parts easily replaceable including heating element and control switch
- Shipping weight: 11 lbs. (5 kg)
- Input: 120VAC

Precision Solder Pot Features:

- Exceeds military specifications ANSI (J-STD-001B) and Navy WS-6536E
- Controls temperature to ±5°F of a pre-selected setting from ambient to 925°F
- Solid state controller limits transient voltage spiking to 2mV peak-to-peak
- Temperature preset switch
- LCD displays present temperature and operating temperature
- Internal circuitry compensates for incoming power fluctuations
- Power line circuit breaker for ESD protection
- All metal construction
- Safety heat shield
- Removable dross tray for easy cleaning
- Three-wire, grounded UL listed cord
- Input: 120VAC

Mfg. Part No. SP-500T Additional Features:

- 2.5" (64mm) diameter by 1.5" (38mm) deep crucible
- Adjustable leveling feet
- Capacity: 2 lbs. (1kg)
- Shipping weight: 12 lbs. (5.4kg)

Mfg. Part No. SP-600T Additional Features:

- Large capacity crucible, 4" (102mm) by 6" (152mm) by 4" (102mm) deep
- Adjustable leveling feet
- Safety warm-up crucible cover
- Output jack for external temperature recorder or data logger
- Capacity: 32 lbs. (14kg)
- Shipping weight: 45 lbs. (20kg)

Porcelainized crucibles resists corrosion, wipes clean, and are ideal for lead free processes. To order add a "P" suffix to the regular solder pot part number.

Mfg. Part No.	Description	Output Power (W)	Temperature Range	Stock No.	Price Each
SP-101	Solder Pot	350	500 to 975 deg F	98H2906	364.64
SP-101-P	General-Purpose Solder Pot, Porcelainized Crucible	350	500 to 975 deg F	29K7854	437.56
SP-301	High-Temperature Solder Pot	500	500 to 1100 deg F	98H2945	379.44
SP-301-P	High-Temp Solder Pot, Porcelainized Crucible	500	500 to 1100 deg F	29K7855	455.33

PRECISION SOLDER POTS

SP-500T	Precision Solder Pot	350	Ambient to 925 deg F	98H2949	1235.49
SP-500-TP	Precision Solder Pot, Porcelainized Crucible	350	Ambient to 925 deg F	29K7856	1359.05
SP-600-T	Precision Solder Pot, 4"x 6" Crucible	1000	Ambient to 750 deg F	29K7857	2525.30
SP-600-TP	Precision Solder Pot, 4"x 6" Porcelainized Crucible	1000	Ambient to 750 deg F	29K7858	3030.37

(79329)



SP-101



SP-500T



SP-600T

DESOLDERING BRAID

**SODER-WICK®
DESOLDERING BRAID**

Soder-Wick®, the world's leading brand of desoldering braid, is the fastest, cleanest and safest braid in the industry. It significantly reduces rework/repair time and minimizes the risk of heat damage to the board. Its geometrically precise weave design allows for maximum capillary action and solder capacity. Soder-Wick® desoldering braid optimizes heat transfer through the braid and into the solder joint, resulting in faster wicking action than any other competitive braid. Minimal flux residue on the board speeds up the cleaning process, or eliminates it entirely.

Soder-Wick® desoldering braid is available in the most comprehensive variety of widths, lengths and flux types. Application-specific sizes allow for precision solder removal in a flash. Wicking speed and board safety are maximized by matching the size of the braid to the soldering iron tip and the area to be desoldered.

SODER-WICK® BGA

- Effective, economical way to safely and completely remove solder from BGA pads and chips
- Sized and designed specifically for BGA pad and chip rework/repair
- Entire BGA pads cleaned in 3 to 4 Passes
- Available in Rosin (80) and No-Clean (60) Fluxes
- Packaged in ESD-safe static-dissipative bobbins
- Meets MIL-F-14256, NASA-STD-8739.3, DOD-STD-883E, Anai/IPC J STD 004 Type ROLO, MIL-STD-1686C, MIL-HDBK-263B, MIL-B-81705C, and MIL-STD-2000A

Mfg. Part No.	Size	Color	Length (ft.)	Stock No.	Price Each
● 80-BGA-5	BGA	Purple	5	01F195	5.92
● 60-BGA-5	BGA	Purple	5	01F196	6.56

SODER-WICK® ROSIN 80 SD

- Non-corrosive type R Rosin flux
- Leaves no ionic contamination on boards
- Packaged in ESD-safe static-dissipative bobbins
- Minimizes risk of damage associated with static electricity
- Meets MIL-F-14256F, NASA-STD-8739.3, DOD-STD-883E, Anai/IPC J STD 004 Type ROLO, MIL-STD-1686C, MIL-HDBK-263B, MIL-B-81705C, and MIL-STD-2000A

Mfg. Part No.	Size	Width (in.)	Color	Length (ft.)	Stock No.	Price Each
● 80-1-5	#1	0.030	White	5	95F6234	3.82
● 80-2-5	#2	0.060	Yellow	5	95F6235	3.82
● 80-3-5	#3	0.080	Green	5	95F6236	4.11
● 80-4-5	#4	0.110	Blue	5	95F6237	4.44
● 80-6-5	#6	0.210	Red	5	95F6239	5.19
● 80-1-10	#1	0.030	White	10	95F6240	6.70
● 80-2-10	#2	0.060	Yellow	10	95F6241	6.70
● 80-3-10	#3	0.080	Green	10	95F6242	7.14
● 80-4-10	#4	0.110	Blue	10	95F6243	7.89
● 80-5-10	#5	0.145	Brown	10	95F6244	8.80

SODER-WICK® NO-CLEAN SD

- Fast, clean no-clean flux desoldering braid packaged in ESD-safe static-dissipative bobbins
- Patented non-corrosive, halide-free, organic no-clean flux system
- Desolders up to 40% faster than competitive no-clean braids and leaves boards cleaner
- Meets MIL-F-14256F, Bellcore TR-NWT-000078, ANSI / IPC J SF-818, NASA-STD-8739.3, DOD-STD-883E, Anai/IPC J STD 004 Type ROLO, MIL-STD-1686C, MIL-HDBK-263B, MIL-B-81705C, and MIL-STD-2000A

Mfg. Part No.	Size	Width (in.)	Color	Length (ft.)	Stock No.	Price Each
● 60-1-5	#1	0.030	White	5	95F6245	4.11
● 60-2-5	#2	0.060	Yellow	5	95F6246	4.11
● 60-3-5	#3	0.080	Green	5	95F6247	4.29
● 60-4-5	#4	0.110	Blue	5	95F6248	4.88
● 60-5-5	#5	0.145	Brown	5	95F6249	5.34
● 60-6-5	#6	0.210	Red	5	95F6250	5.79
● 60-1-10	#1	0.030	White	10	95F6251	7.44
● 60-2-10	#2	0.060	Yellow	10	95F6252	7.44
● 60-3-10	#3	0.080	Green	10	95F6253	7.89
● 60-4-10	#4	0.110	Blue	10	95F6254	8.80
● 60-5-10	#5	0.145	Brown	10	95F6255	9.68

SODER-WICK® UNFLUXED

- Can be coated with any flux type
- Allows for constant flux type throughout process
- Provides quick and safe desoldering

Mfg. Part No.	Size	Width (in.)	Color	Length (ft.)	Stock No.	Price Each
● 70-2-25	#2	0.060	Yellow	25	39C3081	14.84
● 70-3-25	#3	0.080	Green	25	22C5674	15.58

SODER-WICK® UNFLUXED SD

Same as Soder-Wick® unfluxed desoldering braid, *ordered separately above*, except packaged in ESD-safe static-dissipative bobbins to minimize the risk of damage associated with static electricity.

● 75-2-10	#2	0.060	Yellow	10	39C5309	8.91
● 75-3-10	#3	0.080	Green	10	01E9896	6.20
● 75-4-10	#4	0.110	Blue	10	30C5773	7.02

(5852)

**CHEM-WIK® ROSIN
DESOLDERING BRAID**

- The fast, safe rosin flux desoldering braid for removing solder from leads and components.
- Coated with ultra high purity rosin
- Non-corrosive Type R rosin flux
- Meets DOD-STD-1686C, DOD-HDK-263B, MIL-F-14256F, MIL-B-81705C and MIL-STD-2000A

As the industry standard desoldering braid for service and repair, Chem-Wik® desoldering braid ensures fast and safe desoldering. The ultra-pure, oxygen free copper braid quickly and completely removes solder from circuit boards and components. Its fast wicking action protects components from harmful heat damage.



Mfg. Part No.	Width	Length	Stock No.	Price Each
● 2-5L	0.030" (0.76)	5' (1.52M)	93F6336	3.71
● 2-25L	0.030" (0.76)	25' (7.62M)	93F6337	16.08
● 2-100L	0.030" (0.76)	100' (30.40M)	96B5623	64.21
● 5-5L	0.050" (1.27)	5' (1.52M)	93F6335	3.71
● 5-25L	0.050" (1.27)	25' (7.62M)	93F9157	16.08
● 5-50L	0.050" (1.27)	50' (15.24M)	93F6334	31.83
● 5-100L	0.050" (1.27)	100' (30.48M)	48F2107	64.21
● 7-25L	0.075" (1.91)	25' (7.62M)	97F7574	16.75
● 7-50L	0.075" (1.91)	50' (15.24M)	96F6876	33.28
● 7-100L	0.075" (1.91)	100' (30.48M)	48F2108	66.59
● 10-5L	0.100" (2.54)	5' (1.52M)	93F9154	4.09
● 7-500L	0.075" (0.76)	500' (152.4M)	23C9012	323.49
● 10-25L	0.100" (2.54)	25' (7.62M)	93F6333	17.86
● 10-50L	0.100" (2.54)	50' (15.24M)	98F6616	35.82
● 10-100L	0.100" (2.54)	100' (30.48M)	93F9160	71.41

(7540)

1800 SERIES DESOLDERING BRAID

- Strong capillary action instantly pulls solder
- Fast, reliable wicking action
- No-Clean braid is ideal for lead-free applications
- Pro-Wick® braid is ideal for high-volume PCB rework
- Unfluxed braid is ideal for use with water-soluble flux
- All meet or exceed MIL-F-14256, Type R specifications
- On antistatic, ESD-safe bobbins for static-sensitive environments



No-Clean Desoldering Braid

NO-CLEAN DESOLDERING BRAID

Mfg. Part No.	Braid Size	Braid Width (In.)	Braid Color	Roll Length (Ft.)	Stock No.	Price Each
● 1817-5F	#4	0.098	Blue	5	96C6387	5.92
● 1821-10F	#2	0.055	Yellow	10	69K7664	9.50
● 1822-5F	#3	0.085	Green	5	23C1275	5.48
● 1822-10F	#3	0.075	Green	10	69K7665	9.61
● 1823-5F	#4	0.098	Blue	5	68K7293	5.92
● 1823-10F	#4	0.098	Blue	10	68K7292	10.38

PRO WICK® DESOLDERING BRAID

● 1802-5F	#2	0.055	Yellow	5	96C6323	4.22
● 1809-10F	#2	0.055	Yellow	10	96C6347	7.68
● 1810-5F	#3	0.075	Green	5	73K2472	4.37
● 1810-10F	#3	0.075	Green	10	68K7289	7.80
● 1811-5F	#4	0.098	Blue	5	68K7290	4.81
● 1811-10F	#4	0.098	Blue	10	72C8241	8.53

UNFLUXED DESOLDERING BRAID

● 1830-10F	#1	0.035	White	10	96C6429	6.55
● 1831-10F	#2	0.055	Yellow	10	96C6431	6.98
● 1832-5F	#3	0.075	Green	5	24C9586	4.49
● 1833-10F	#4	0.098	Blue	10	73C6302	8.06

(85060)

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(148843)

**CIRCUITWORKS®
FLUX-DISPENSING
PENS****TW Chemtronics®****Common Features:**

- Chisel-Tip Marker Provides Exact Delivery of Flux to Surface
- Easily Removed with Appropriate Flux Remover Pen or Flux-Off® Flux Remover

No-Clean Flux Dispensing Pen:

- Applies a Patented Noncorrosive, Halide Free, Organic No-Clean Flux
- Flux Meets Bellcore TR-N-WT-000078 and IPC SF-818 for Surface Insulation Resistance
- Flux Meets ANSI/IPC J-STD-004, Type ROL0

Rosin Flux Dispensing Pen:

- Applies a Noncorrosive Type R Flux
- Flux Meets MIL-F-14256 F Type R and ANSI/IPC J-STD-004, Type ROL0

Pen applies flux with precision and control.

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
● CW8100	No-Clean Pen	00Z1870	11.63
● CW8200	Rosin Pen	00Z1871	11.20

(29685)

**CIRCUITWORKS®
LEAD-FREE FLUX
DISPENSING PEN****TW Chemtronics®**

- Applies a noncorrosive, halide free, no clean flux for high temperature, lead-free application
- Can also be used to for Tin/Lead fluxes
- Flux meets Bellcore TR-N-NWT-000078 and IPC SF-818 for Surface Insulation Resistance
- Flux meets ANSI / IPC J-STD-004, Type ROL0
- Easily removed with CircuitWorks® Lead-Free Flux Remover Pen, or Flux-Off® Lead-Free Flux Remover
- RoHS Compliant



Mfg. Part No.	Description	Stock No.	Price Each
			1-9
● CW8400	CircuitWorks® Lead-Free Flux Dispensing Pen, 9 g	29K6229	9.51

(84879)

FLUX PENS**kester®**
CONNECTING INNOVATION™

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
● 83-1097-2331	Water-Soluble	00Z1356	7.07

(88906)

**LIQUID FLUX FOR LEAD-FREE
SOLDERING****kester®**
CONNECTING INNOVATION™

979 series is a VOC-free, no-clean flux formulation for high quality, low-defect soldering of electronic circuit board assemblies. This flux's finely tuned activation system offers the best wetting available in VOC-Free liquid flux technology and the shiniest solder joints. **979 series** also reduces micro-solderballing on glossy laminates and between connector pins. **979 series** will not attack properly cured solder masks or FR-4 Epoxy-Glass laminate and leaves no haze or visible residue behind, including the white powdery residue associated with use of earlier no-clean formulas. The minuscule amount of non-visible residue that remains after soldering is non-conductive, non-corrosive and does not have to be removed.

Mfg. Part No.	Description	Container Size (gallon)	Stock No.	Price Each
				1-4
● 63-0000-0979	979 VOC-Free No-Clean Liquid Flux	1	96H7581	44.93

(88563)

BONKOTE RE-USABLE FLUX DISPENSING PENS

O.C. White Co.

Quality Since 1894

BONKOTE**BON-102**

- Replaceable Tips and Cartridge
- Low Cost, 7cc Capacity
- Fine Point or Broad Point
- Controlled Application/No Mess
- Used with Non-Wash, Wash or Strong Acid Flux
- Excellent for Spot Soldering on IC Chips

These new handy Bon Pens allow for very accurate flux dispensing on the work area, while eliminating dripping. Very easily cleaned and maintained with alcohol or water, depending on flux use. **Sold in packs of 5.**

Mfg. Part No.	Description	Size (mm)	Stock No.	Price Each
BON-102	Small Fine Point	3.5 x 13.5	50H7622	89.36
BON-102D	Broad Spade Tip	5.8 x 16.5	50H7623	102.25
BON-102L	Large Fine Point	7 x 26	50H7624	153.80
BR-102	Replacement Tip	3.5 x 13.5	50H7625	60.17
BR-102D	Replacement Tip	5.8 x 16.5	50H7627	73.06
CA-102	Replacement Cartridge	...	50H7630	29.20

(75431)

LIQUID FLUXES**kester®**
CONNECTING INNOVATION™**1544 SERIES ROSIN-BASED FLUXES**

1544 series rosin-based fluxes are highly active and noncorrosive. Ideal for surfaces that are difficult to solder. Residue is noncorrosive. Classified as ROM1 per J-STD-004.

Mfg. Part No.	Description	Size (gallon)	Stock No.	Price Each
				1-4
● 63-0000-1544	1544 RA	1	34C5674	64.63
● 64-0000-1544	1544 RA	5	19K4583	230.48
● 63-0000-0104	104 Flux Thinner	1	34C5670	61.21
● 64-0000-0104	104 Flux Thinner	5	19K4580	202.23

WATER SOLUBLE FLUXES

2331-ZX series pH neutral organic flux is for automated and drag soldering process. Residue removal is required. Use soft or de-ionized water for flux removal. Classified as ORH1 per J-STD-004. 2235 series organic flux is a high-activity flux for surface mount assemblies. Helps reduce skips on bottom side of surface mount pads. Residue removal is required. Use soft or de-ionized water for removal. Classified as ORH1 per J-STD-004.

Mfg. Part No.	Description	Size (gallon)	Stock No.	Price Each
				1-4
● 63-0097-2331	2331-ZX Water Soluble	1	00Z1111	59.77
● 63-0000-2235	2235 Water Soluble	1	34C5675	65.77
● 64-0000-2235	2235 Water Soluble	5	19K4584	185.65

959 series no-clean flux is designed for the wave soldering of conventional and surface mount assemblies. Developed to minimize the formation of micro-solderballs during wave soldering operations. Spray or foam flux application. Bellcore compliant, flux classified as ORL0, per J-STD-004. **977 series** flux is designed for wave soldering of circuit boards, and developed to reduce bottom side micro-solderballing and bridging. The wetting system is designed to allow for a larger process window and can survive longer dwell times in turbulent ship waves. Spray flux application. Bellcore compliant, flux classified as ORL0, per J-STD-004.

Mfg. Part No.	Description	Size (gallon)	Stock No.	Price Each
				1-4
● 63-0000-0959	959 No-Clean	1	34C5672	55.49
● 63-0000-0977	977 VOC-Free No-Clean	1	34C5673	48.80

(68905)

SOLDER LIQUID FLUXES**MF300™****X-33 - 08i ROSIN-FREE LIQUID FLUX**A rosin-free, no-clean, halide-free liquid flux for surfaces with poor solderability. Sustained activity for maximum process window. Compatible with rosin-based surface preservatives. **Sold in 1 gallon containers.**

Mfg. Part No.	Description	Stock No.	Price Each
● M00359	X-33 - 08i Rosin-Free Liquid Flux	35C0553	49.84

MF300™ NO-CLEAN, VOC-FREE LIQUID FLUXMF300™ general-purpose no-clean liquid flux is VOC-free (water-based), halide-free and rosin-free with special formulation to minimize solder balling. Compatible with lead-free processes. **Sold in 1 gallon containers.**

Mfg. Part No.	Description	Stock No.	Price Each
● M00469	MF300™ No-Clean, VOC-Free Liquid Flux	32M7031	65.61

(68859)

FLUX • HEAT SINK COMPOUNDS

FLUX AND LIQUID DISPENSERS



PLATA®



FD-2

SF-01

Unique, no-leak design offers a convenient way to dispense specific amounts of a variety of flux and liquids without dripping, spilling or waste. ESD-safe dispensers meet MIL-STD-2000 (J-STD-001B) requirements. Hold 2 fl.oz.

Mfg. Part No.	Description	Capillary Inner Dia. (in.)	Stock No.	Price Each
● FD-2	Dispenser for Rosin Flux	0.020	98H2694	2.77
● FD-21	Dispenser for Water Sol. Flux	0.010	98H2695	2.77
● SF-01	Dispenser for Water Sol. Flux, ESD Safe	0.010	98H2888	8.93
● SF-02	Dispenser for Rosin Flux, ESD Safe	0.020	98H2889	8.93

Mfg. part no. BC-250 provides an inexpensive way to wet sponges and dispense liquids at the work bench without waste. Mfg. part no. SF-250 is a static dissipative version of mfg. part no. BC-250. Mfg. part no. SF-B2HS is a solvent dispenser with scrub brush. The soft to medium stiff bristles are durable and works well for flux removal and general cleaning or spot cleaning of PCB assemblies. Mfg. part no. SF-B2HH provides similar benefits to mfg. part no. SF-B2HS, but the medium to stiff bristles work well for removing difficult, sticky, crusty or viscous materials. Combination of static dissipative jacket and natural material on mfg. part nos. SF-B2HS and SF-B2HH meet MIL-STD-2000 (J-STD-001B).

Mfg. Part No.	Description	Stock No.	Price Each
● BC-250	8oz. Liquid Dispensing Bottle	72K7274	6.69
● SF-250	BC-250 bottle encased in permanently static dissipative plastic	98H2891	14.12
● SF-B2HS	2oz. Polyethylene Bottle with Soft Horse Bristle Brush	98H2887	15.56
● SF-B2HH	2oz. Polyethylene Bottle with Medium Hog Bristle Brush	98H2886	15.56
● SF-1601	16oz. Bottle and spout	98H2890	12.82

(79292)

ESD-SAFE FLUX DISPENSERS



- Average surface resistivity of 10-9 to 10-10 ohms per square
- Does not react with any solvents, such as TCE or alcohol



146-0001, 146-0010

Mfg. Part No.	Description	Capacity (oz.)	Stock No.	Price Each
146-0001	26 Gauge Flux Dispenser	2	74M8402	10.95
146-0010	20 Gauge Flux Dispenser	2	74M8403	10.95
146-0017	Flux Dispenser with Pen Tip	2	74M8407	10.95
146-0016	Flux Dispenser with Brush Tip	2	74M8406	12.88

ACCESSORY

146-0018	Spare Brush Tips for Mfg. Part No. 146-0016 — Pkg. of 5	74M5991	6.70
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CIRCUITWORKS® HEAT SINK GREASE



TWChemtronics®

- Excellent thermal conductivity and dielectric properties
- Will not dry out, harden or melt
- Noncorrosive and nonflammable
- Thermally stable from -40°F/-40°C to +342°F/+172°C
- Meets MIL-DTL-47113D Type 1



CircuitWorks® Heat Sink Grease tube dispenser precisely applies silicone compound to facilitate heat transfer away from electronics and electrical components. Weight: 142g (5 oz.).

Mfg. Part No.	Stock No.	Price Each
● CT40-5	00Z1880	23.01

(73262)

HEAT SINK COMPOUNDS



TEGHSRAY™



1977-DP



1978-DP

Products for use with power transistors and other devices that generate heat. Mfg. part no. 1977-DP transistor silicone grease. Mfg. part no. 1978-DP silicone-free heat sink compound for PCB applications.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● 1977-DP	Transistor Silicone Grease	4 oz. Tube	69K8373	19.09
● 1978-DP	Silicone Free Heat Sink	4 oz. Tube	68K7301	28.00

(79384)

CHEMASK® SOLDER MASKING AGENTS



TWChemtronics®



CM8

CHV8

CWF8

CLF8

- Plastic safe
- Nonflammable
- Ozone safe

Chemask® solder masking agents protect PC boards, plated thru-holes, contacts, pins, posts, terminals and gold fingers during wave soldering. They provide short-term high-temperature protection from molten solder to 515°F/268°C. All Chemask® masks are nonflammable, non-contaminating and will not leave ionic or corrosive residue. Available in convenient squeeze bottles for precision application or in gallons for automated applications.

Mfg. part nos. CM8 and CM1 Chemask® peelable temporary masking agent is fast-curing and dries tack-free in 30 minutes. Easy-to-use, just peel off when dry. Latex material is compatible with flux systems and stable with cleaning solvents.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● CM8	Chemask®	8 oz.	00Z1101	21.67
● CM1	Chemask®	1 gal.	88F5767	208.36

Mfg. part no. CHV8 Chemask® HV High Viscosity peelable temporary masking agent is useable within five minutes of application with preheat cycle. Thicker coating does not seep through thru-holes and offers more controlled application. Latex material is compatible with flux systems and stable with cleaning solvents.

● CHV8	Chemask® HV	8 oz.	00Z1998	27.27
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Mfg. part no. CWF8 Chemask® WF Water Filterable temporary solder masking agent is easily removed in water cleaning cycles. Does not coat or clog filtration equipment, is noncorrosive and safe for sensitive contacts.

● CWF8	Chemask® WF	8 oz.	00Z2000	28.38
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Mfg. part nos. CLF8 and CLF1 Chemask® LF Lead Free high-temperature peelable temporary solder masking agent is formulated for use with lead-free applications. Can also be used with tin/lead solders. Useable within five minutes of application with preheat cycles. Provides short term high-temperature protection.

● CLF8	Chemask® LF	8 oz.	29K6245	20.96
● CLF1	Chemask® LF	1 gal.	29K6244	171.77

(47975)

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(148887)

HEAT SINK COMPOUNDS • SOLDERING ACCESSORIES

WONDERMASK® SOLDER MASKS



2204-8SQ



2205-8SQ



2211-8SQ



2218-8SQ

- Quick-Drying
- Wondermask® WSOL water-soluble, lead-free compatible, dissolves quickly
- Wondermask® W water-washable, water-soluble, lead-free compatible, dissolves quickly
- Wondermask® P peelable, quick-drying, noncorrosive, nonammoniated
- Wondermask® PL Latex peelable, quick-drying, lead-free compatible, ammoniated, high-tensile strength
- Wondermask® P2 peelable, fastest throughput, lead-free compatible, cure indicator, low odor, non-corrosive

Temporary solder mask is applied over PCB thru-holes and pads to prevent soldering the protected areas. Water-soluble masks, **mfg. part nos. 2204** and **2205**, can be washed off either by hand or in an aqueous bath or inline system. Peelable masks, **mfg. part nos. 2211** and **2218**, can be peeled off after the soldering process is complete.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● 2204-8SQ	Wondermask® WSOL Water-Soluble Solder Mask	8 oz.*	06H2870	17.19
● 2204-G	Wondermask® WSOL Water-Soluble Solder Mask	1 gal.+	06H2869	180.72
● 2205-8SQ	Wondermask® W Water-Washable Solder Mask	8 oz.*	96C6528	14.48
● 2211-8SQ	Wondermask® P Peelable Solder Mask	8 oz.*	96C6530	12.95
● 2211-G	Wondermask® P Peelable Solder Mask	1 gal.+	96C6529	111.19
● 2211-5G	Wondermask® P Peelable Solder Mask	5 gal.+	10J6933	376.06
● 2218-8SQ	Wondermask® PL Latex Peelable Solder Mask	8 oz.*	96C6532	11.81

*Squeeze Bottle; + Plastic Container
(73838)

DISPENSER PACK



- No-Clean Solder
- Convenient Size, Fits in Tool Box or Pocket
- All of the parts have Outer Diameter of 0.032"



SPC22157

Mfg. Type No.	Solder Alloy	Weight	Stock No.	Price Each
SPC22157	96.5/3/0.5 Sn/Ag/Cu	0.0375	20M4951	3.79
SPC22158	63/37 Sn/Pb	0.438	20M4952	2.71
SPC22159	60/40 Sn/Pb	0.438	20M4953	2.71

(89765)

SOLDER ACCESSORIES



TTC-LF™ Tip Tinner/Cleaner



MINI-FLUXERS AND CLEANER

Touch-up, rework, assembly made simple. Easy-to-use pen/marker-type dispenser contains no-clean flux or Prozone non-CFC cleaner.

Mfg. Part No.	Description	Stock No.	Price Each
● M293320	MF-X3210I Mini-Fluxer No-Clean Flux	72C1235	6.56
● M293319	MF-X33S-07I Mini-Fluxer No-Clean Flux	49C9066	6.25
● M293321	Prozone Non-CFC Flux Cleaner	70C5164	6.43

MCF800™ FLUX CLEANER

Designed for the effective removal of all types of soldering process residues from circuit boards, screens, fixtures and equipment. Flash point of 105°C makes it ideal for use in heated cleaning systems. **Sold in 1 gallon containers.**

● M00538	MCF800™ Flux Cleaner	59J7555	136.95
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SPOT-ON

Temporary, peelable resist, and water soluble. No residue or stains. **Sold in 250ml squeeze bottles.**

● M292961	Spot-On	49C9062	17.14
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MULTI-TAK REPAIR PASTE — NO-CLEAN

Flux medium holds component in place. Aids in soldering and reflow assembly. **Sold in 10cc syringes.**

● M00449	MP200 Multi-Tak Repair Paste	26H5738	37.14
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TTC-LF™ LEAD-FREE TIP TINNER/CLEANER

Handy, non-abrasive soldering iron tip tinner helps extend tip life. Easily wets hot soldering irons leaving a brightly tinned tip. Improves hand soldering efficiency. Adhesive pad allows easy mounting on or near the soldering iron holder. **Sold in 15 gram tins.**

● MM01921	TTC-LF™ Lead-Free Tip Tinner/Cleaner	55K4577	6.10
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