

SOLDERING EQUIPMENT

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	105.88
● 3138 120-100	100W Heavy-Duty Soldering Iron, 3/8" Tip, 855°F	21M3081	158.83
● 3138 120-150	150W Heavy-Duty Soldering Iron, 3/8" Tip, 1010°F	21M3082	158.83
● 3158 120-200	200W Heavy-Duty Soldering Iron, 3/8" Tip, 1000°F	21M3083	218.39
● 3178120300	300W Heavy-Duty Soldering Iron, 7/8" Tip, 1000°F	21M3084	280.58
3198-120-550	550W Heavy-Duty Soldering Iron, 1 1/8" Tip, 1010°F	98B2996	367.94

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	17.22
43D	Diamond Tip, 3/8 x 4 3/8"	3138	32F1388	17.22
● 44C	Chisel Tip, 5/8 x 4 11/16"	3158	21M3219	37.06
● 44D	Diamond Tip, 5/8 x 4 11/16"	3158	21M3220	37.06
● 45C	Chisel Tip, 7/8 x 5 5/32"	3178	21M3221	68.83
● 45D	Diamond Tip, 7/8 x 5 5/32"	3178	21M3222	68.83

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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	590.45

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.

● UHPS TWK14	19C0633	613.70
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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.

● UHPS TWK24	19C0634	630.50
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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.

● UHPS STWK	19C0635	933.57
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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	357.35
● 105A12-120	250W Power Unit, 120VAC	20M8607	469.85

SOLDERING HANDPIECES UP TO 250W

● 105133	100W Tweezer Handpiece — to 22 AWG	95F3813	172.06
● 10541	100W Tweezer Handpiece — to 3/16"	20M8611	172.06
● 10542	Resistance Soldering Electrode for Mfg. Part No. 10541	95F3825	22.56
105127	250W Tweezer Handpiece — to 1/2"	98F6275	299.12
● 10515	3/32" Diameter Single-Carbon Handpiece	95F3815	92.65

WIRE STRIPPING HANDPIECES, UP TO 100W

4697D	Micro Tweezer Handpiece — to 24 AWG	95F3816	197.21
10517	Reg. Tweezer Handpiece — to 18 AWG	95F3817	194.56
10591	Small V-North Handpiece — to 12 AWG	95F3818	148.23

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PCT-100 FOCUSED CONVECTION PREHEATER SYSTEM

Just Added



- 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	675.92
● PCT-102-21	Focused Convection Preheater System — 230VAC	73M3918	675.92

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	369.20
● PCT-100-21	230V Focused Convection Preheater Only	73M3917	369.20
● BH-100	Free-Standing PC Board Holder	88M2814	266.25
● PCT-AR	Adjustable-Angle Arm Rest	96M1585	78.42

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FIND IT • BUY IT • GET IT • DONE

"It's easy to do business with Newark online or by phone."

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SOLDERING EQUIPMENT

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	
			1-4	
● HCT-900-11	100/120VAC Hand-Held Convection Hot-Air Tool	66K6681	570.13	
● HCT-900-21	220/240VAC Hand-Held Convection Hot-Air Tool	66K6682	624.80	

NOZZLE KITS

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	
			1-4	
● NZKT-1	5-Pc. Nozzle Kit for Chip Resistors, SOIC and TSOP Packages	66K6701	287.55	
● NZKT-2	4-Pc. Nozzle Kit for PLCC, QFP and BQFP Packages	66K6702	372.75	

NOZZLES

Mfg. Part No.	For IC Model	Width (mm)	Height (mm)	Stock No.	Price Each	
					1-4	
● H-S16	SOIC-14, -16	6.8	10.2	66K6674	90.53	
● H-SL16	SOL-14, -16	10.6	10.8	66K6666	79.88	
● H-SL20	SOL-20, -20J	10.6	13.3	66K6667	79.88	
● H-SL24	SOL-24, -24J	10.6	15.9	66K6668	79.88	
● H-SL28	SOL-28	10.6	18.4	66K6670	79.88	
● H-SL44	SOL-44	16	27.9	66K6671	79.88	
● H-SOJ32	SOJ-32	13.5	20.6	66K6672	79.88	
● H-SOJ40	SOJ-40	13.5	25.4	66K6673	79.88	
● H-TS24	TSOP-20, -24	17	7.1	66K6677	79.88	
● H-TS32	TSOP-28, -32	21	9.1	66K6678	79.88	
● H-TS40	TSOP-40	21	10.8	66K6679	79.88	
● H-TS48	TSOP-48	21	13.3	66K6680	79.88	
● H-TSW24	TSOP-20, -24	10.2	18.4	66K6675	79.88	
● H-TSW44	TSOP-24, -28, -40, -44	12.7	19.8	66K6676	79.88	
● H-P20	PLCC-20	11.9	11.9	66K6651	101.18	
● H-P28	PLCC-28	14.5	14.5	66K6652	101.18	
● H-P32	PLCC-32	16.9	14.3	66K6653	101.18	
● H-P44	PLCC-44	19.5	19.5	66K6654	101.18	
● H-PS2	PLCC-52	22	22.1	66K6655	101.18	
● H-P68	PLCC-68	27	27.2	66K6656	101.18	
● H-P84	PLCC-84	32.4	32.4	66K6657	101.18	
● H-Q07	QFP-48	8.4	8.4	66K6659	114.67	
● H-Q10	QFP-44	13.4	13.4	66K6660	101.18	
● H-Q14	QFP-52, -80	17.3	17.3	66K6661	101.18	
● H-Q1420	QFP-64, -80, -100	23.4	18.1	66K6662	101.18	
● H-Q28	QFP-120, -128, -144, -160	31.2	31.2	66K6664	101.18	
● H-Q3232	QFP-240	34.5	34.5	66K6665	101.18	
● H-Q2626	QFP-208	29.8	29.8	66K6663	101.18	
● H-BQ23	BQFP-100	22.4	22.4	66K6646	101.18	
● H-BQ38	BQFP-196	37.7	37.7	66K6647	101.18	

NOZZLES

Mfg. Part No.	For IC Model	Outer Dia. (mm)	Stock No.	Price 1-4
● H-D25	Chip and SOT	2.5	66K6649	22.72
● H-D50		5	66K6650	24.14
● H-D120		12	66K6648	22.72

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PS-900 SERIES PRODUCTION SOLDERING SYSTEM

Just Added



- 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 overshoot. 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	282.87

ACCESSORIES

● PS-HC3	Soldering Iron Handpiece with Power Cord and Coil Assembly	96M1587	89.02
WS2	Auto-Sleep Workstand with Sponge and Brass Pad	31M7904	34.65
● AC-YS4	Sponge (3.12" Diameter x 1.00")	64J8855	23.10
● AC-CP2	Soldering Cartridge and Tip Removal Pads	91F5873	7.66
● AC-BP	Lead-Free Brass Pads for Workstand — Sold in Pkgs. of 10	03M6022	9.59
AC-CK1	Lead-Free ID Soldering Tip Rings — Sold in Pkgs. of 50	68K2034	10.40

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	Fine	0.07	0.528	78M7411	13.28
● SFV-CH15A	Chisel	0.06	0.528	77M9252	13.28

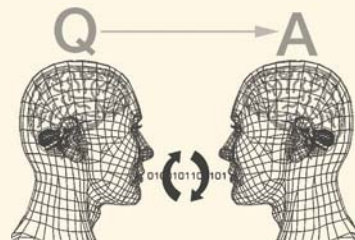
TIPS FOR HEAVY-DUTY APPLICATIONS

● SFV-CH10	30° Chisel	0.04	0.43	66K6728	11.36
● SFV-CHB15	30° Chisel Bent	0.06	0.48	66K6727	11.08
● SFV-CH20	Chisel	0.07	0.39	66K6729	9.09
● SFV-CH25	Chisel	0.1	0.43	66K6730	9.66
● SFV-CH50	Chisel, Extra-Large	0.2	0.40	66K6731	11.08
● SFV-CN05	Conical	0.02	0.34	66K6736	12.07
● SFV-CNB05	Conical Bent	0.02	0.51	66K6732	9.66
● SFV-CNL04	Conical, Long	0.016	0.53	66K6733	11.36
● SFV-CNL10	Conical, Long	0.04	0.51	66K6734	11.36
● SFV-CNL14	Conical, Long	0.055	0.59	66K6735	11.31
● SFV-DRH20	Conical Bevel	0.07	...	66K6737	10.65
● SFV-DRK50	45° Knife	0.2	0.55	66K6738	11.08

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Expert technical support

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



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SOLDERING EQUIPMENT

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

Just Added



- 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.

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 2010-2011.*

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
● 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	527.18	
● 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	682.67	

ACCESSORIES

● MFR-PS2200	Dual Simultaneous Output Power Supply Unit ONLY — 100-240VAC, 50/60Hz	01N5080	371.69	
● MFR-H1-SC	Soldering Cartridge Handpiece	01N5076	91.59	
● MFR-H2-ST	Soldering Tip Handpiece	01N5077	91.59	
● MFR-H4-TW	Tweezers Cartridge Handpiece	01N5078	201.29	
● WS1	Auto-Sleep Workstand with Black Cradle, Sponge and Brass Pad	22M4770	74.25	
● WS1G	Auto-Sleep Workstand with Green Cradle, Sponge and Brass Pad	26M8648	63.90	
● MFR-WSPT	Tweezers Workstand with Black Cradle, Sponge and Brass Pad	66K6699	63.90	
● MFR-UK1	Upgrade Kit — MFR-H1-SC Soldering Cartridge Handpiece and WS1 Auto-Sleep Workstand	01N5081	155.49	
● MFR-UK2	Upgrade Kit — MFR-H2-ST Soldering Cartridge Handpiece and WS1 Auto-Sleep Workstand	01N5082	155.49	
● MFR-UK4	Upgrade Kit — MFR-H4-TW Tweezers Cartridge Handpiece and MFR-WSPT Workstand	01N5083	265.19	
● AC-Y10	Yellow Sponge for Workstand, (3.2"W x 2.1"H), Pkg. of 10	66K6636	21.30	
● AC-BP	Lead-Free Brass Pads for Workstand, Pkg. of 10	03M6022	9.59	
● AC-CP2	Soldering Cartridge and Tip Removal Pads, Pkg. of 2	91F5873	7.66	
● AC-BRUSH-P	Soft-Brass Cleaning Brush, Pkg. of 6	76K1432	52.66	
● AC-1K	Interlocking/Mounting Kit	66K6633	9.59	
● AC-CK1	Lead-Free ID Soldering Tip Rings, Pkg. of 50	68K2034	10.40	
● MFR-PM70	Power Meter, 0-70W Scale	01N5079	62.84	

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	
					1-4	
● SFP-BVL10	60° Bevel	0.04	0.56	66K6710	20.45	
● SFP-CH10	30° Chisel	0.04	0.36	66K6713	14.77	
● SFP-CH15	30° Chisel	0.06	0.39	66K6714	14.77	
● SFP-CH20	30° Chisel	0.08	0.40	66K6715	14.77	
● SFP-CH25	30° Chisel	0.1	0.394	66K6716	14.77	
● SFP-CH50	30° Chisel	0.2	0.30	66K6717	14.77	
● SFP-CHB15	30° Chisel Bent	0.06	0.474	66K6711	20.45	
● SFP-CHL20	Chisel, Long-Reach	0.08	0.632	66K6712	20.45	
● SFP-CN04	Conical	0.016	0.34	66K6721	14.77	
● SFP-CN05	Conical	0.02	0.20	66K6722	20.45	
● SFP-CNB04	Conical Bent	0.016	0.20	66K6718	14.40	

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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	
					1-4	
● SFP-CNB05	Conical Bent	0.02	0.579	66K6719	14.77	
● SFP-CNL04	Conical, Long-Reach	0.016	0.59	66K6720	14.40	
● SFP-DRH05	Drag Hoof	0.02	0.60	66K6723	27.90	
● SFP-DRH15	Drag Hoof	0.06	0.65	66K6724	28.40	
● SFP-DRH35	Drag Hoof	0.14	0.70	66K6725	28.40	
● SFP-DRK50	Drag Knife	0.2	0.63	66K6726	48.85	

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	
					1-4	
● RFP-BL1	Blade	0.36 x 0.41	0.02	66K6703	94.29	
● RFP-BL2	Blade	0.36 x 0.62	0.02	66K6704	94.29	
● RFP-BL3	Blade	0.36 x 0.87	0.02	66K6705	94.29	

RFP SERIES REWORK CARTRIDGES

Mfg. Part No.	Tip Style	For IC Model	Stock No.	Price Each	
				1-4	
● RFP-DL1	Tunnel	SOIC-14, -16 Chip Package	66K6706	50.40	
● RFP-DL2	Tunnel	SOIC-8 Chip Package	66K6707	47.43	
● RFP-SL1	Slot	0805 Chip Package	66K6708	40.43	
● RFP-SL2	Slot	1206 Chip Package	66K6709	41.47	

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

Just Added



- 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.

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 2010-2011.*

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
● 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	527.18	
● 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	682.67	

ACCESSORIES

● MFR-PS2200	Dual Simultaneous Output Power Supply Unit ONLY — 100-240VAC, 50/60Hz	01N5080	371.69	
● MFR-H1-SC	Soldering Cartridge Handpiece	01N5076	91.59	
● MFR-H2-ST	Soldering Tip Handpiece	01N5077	91.59	
● MFR-H4-TW	Tweezers Cartridge Handpiece	01N5078	201.29	
● WS1	Auto-Sleep Workstand with Black Cradle, Sponge and Brass Pad	22M4770	74.25	
● WS1G	Auto-Sleep Workstand with Green Cradle, Sponge and Brass Pad	26M8648	63.90	
● MFR-WSPT	Tweezers Workstand with Black Cradle, Sponge and Brass Pad	66K6699	63.90	
● MFR-UK1	Upgrade Kit — MFR-H1-SC Soldering Cartridge Handpiece and WS1 Auto-Sleep Workstand	01N5081	155.49	

➔ CONTINUED ➔

SOLDERING EQUIPMENT

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

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
● MFR-UK2	Upgrade Kit — MFR-H2-ST Soldering Cartridge Handpiece and WS1 Auto-Sleep Workstand	01N5082	155.49	
● MFR-UK4	Upgrade Kit — MFR-H4-TW Tweezers Cartridge Handpiece and MFR-WSPT Workstand	01N5083	265.19	
● AC-Y10	Yellow Sponge for Workstand, (3.2"W x 2.1"H), Pkg. of 10	66K6636	21.30	
● AC-BP	Lead-Free Brass Pads for Workstand, Pkg. of 10	03M6022	9.59	
● AC-CP2	Soldering Cartridge and Tip Removal Pads, Pkg. of 2	91F5873	7.66	
● AC-BRUSH-P	Soft-Brass Cleaning Brush, Pkg. of 6	76K1432	52.66	
● AC-IK	Interlocking/Mounting Kit	66K6633	9.59	
● AC-CK1	Lead-Free ID Soldering Tip Rings, Pkg. of 50	68K2034	10.40	
● MFR-PM70	Power Meter, 0-70W Scale	01N5079	62.84	

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	
					1-4	
● SFV-CH10	30° Chisel	0.04	0.43	66K6728	11.36	
● SFV-CHB15	30° Chisel Bent	0.06	0.48	66K6727	11.08	
● SFV-CH20	Chisel	0.07	0.39	66K6729	9.09	
● SFV-CH25	Chisel	0.1	0.43	66K6730	9.66	
● SFV-CH50	Chisel, Extra-Large	0.2	0.40	66K6731	11.08	
● SFV-CN05	Conical	0.02	0.34	66K6736	12.07	
● SFV-CNB05	Conical Bent	0.02	0.51	66K6732	9.66	
● SFV-CNL04	Conical, Long	0.016	0.53	66K6733	11.36	
● SFV-CNL10	Conical, Long	0.04	0.51	66K6734	11.36	
● SFV-CNL14	Conical, Long	0.055	0.59	66K6735	11.31	
● SFV-DRH20	Conical Bevel	0.07	...	66K6737	10.65	
● SFV-DRK50	45° Knife	0.2	0.55	66K6738	11.08	

(85792)

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

Just Added



- 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. Its dual-output power unit contains two separate power supplies providing full power for each handpiece that is in use.

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 2010.

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 2010-2011.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
● 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	636.87	
● 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	792.36	

➔ CONTINUED ➔

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

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
● MFR-PS2200	Dual Simultaneous Output Power Supply Unit ONLY — 100-240VAC, 50/60Hz	01N5080	371.69	
● MFR-H1-SC	Soldering Cartridge Handpiece	01N5076	91.59	
● MFR-H2-ST	Soldering Tip Handpiece	01N5077	91.59	
● MFR-H4-TW	Tweezers Cartridge Handpiece	01N5078	201.29	
● WS1	Auto-Sleep Workstand with Black Cradle, Sponge and Brass Pad	22M4770	74.25	
● WS1G	Auto-Sleep Workstand with Green Cradle, Sponge and Brass Pad	26M8648	63.90	
● MFR-WSPT	Tweezers Workstand with Black Cradle, Sponge and Brass Pad	66K6699	63.90	
● MFR-UK1	Upgrade Kit — MFR-H1-SC Soldering Cartridge Handpiece and WS1 Auto-Sleep Workstand	01N5081	155.49	
● MFR-UK2	Upgrade Kit — MFR-H2-ST Soldering Cartridge Handpiece and WS1 Auto-Sleep Workstand	01N5082	155.49	
● MFR-UK4	Upgrade Kit — MFR-H4-TW Tweezers Cartridge Handpiece and MFR-WSPT Workstand	01N5083	265.19	
● AC-Y10	Yellow Sponge for Workstand, (3.2"W x 2.1"H), Pkg. of 10	66K6636	21.30	
● AC-BP	Lead-Free Brass Pads for Workstand, Pkg. of 10	03M6022	9.59	
● AC-CP2	Soldering Cartridge and Tip Removal Pads, Pkg. of 2	91F5873	7.66	
● AC-BRUSH-P	Soft-Brass Cleaning Brush, Pkg. of 6	76K1432	52.66	
● AC-IK	Interlocking/Mounting Kit	66K6633	9.59	
● MFR-PM70	Power Meter, 0-70W Scale	01N5079	62.84	

TFP SERIES PRECISION TWEezer CARTRIDGES — SOLD IN PAIRS

Mfg. Part No.	Tip Style	Tip Thickness (in.)	Tip Width (in.)	Stock No.	Price per Pair	
					1-4	
● TFP-BLP1	Blade	0.03 and 0.04	0.55	66K6744	66.39	
● TFP-BLP2	Blade	0.03 and 0.079	0.55	66K6745	66.39	
● TFP-CNP1	Conical	0.015	0.75	66K6746	66.39	

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

● TFP-BLH3	Knife	0.08	0.55	66K6739	61.18
● TFP-BLH4	Blade	0.028	0.25	66K6740	79.52
● TFP-BLH5	Blade	0.028	0.62	66K6741	102.24
● TFP-BLH6	Blade	0.028	0.81	66K6742	102.24
● TFP-BLH7	Blade	0.028	1.1	66K6743	103.52

(85799)

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	
			1-4	
● MFR-DSI	Desoldering System with Internal Air Pump	66K6684	795.26	
● MFR-DSX	Desoldering System, External Air	66K6685	747.49	

ACCESSORIES

● MFR-HDS	Convertible Pencil/Pistol-Grip Desoldering Hand-piece with 48" long Cord	66K6687	211.94
● MFR-WSDS	Desoldering Workstand	66K6698	53.25
● MFR-HDCA	Desoldering Coil Assembly	66K6686	73.49
● AC-CC	Solder Collection Chamber	66K6631	7.68
● AC-DFP	Solder Chamber Liner/Filter	66K6632	15.45
● AC-VL	ESD Air Hose with Fitting	66K6635	27.42
● DP-SL3	Front Seal	41B5223	8.52
● AC-Y10	Yellow Sponge for Workstand, (3.2"W x 2.1"H), Pkg. of 10	66K6636	21.30
● AC-BP	Lead-Free Brass Pads for Workstand, Pkg. of 10	03M6022	9.59
● AC-BRUSH-P	Soft-Brass Cleaning Brush, Pkg. of 6	76K1432	52.66
● AC-IK	Interlocking/Mounting Kit	66K6633	9.59
● AC-MFR-PM	Power Meter	66K6634	159.75

➔ CONTINUED ➔

SOLDERING EQUIPMENT

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

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
					1-4
● DFP-CN2	Regular	0.026	0.07	66K6640	39.76
● DFP-CN3		0.031	0.08	66K6641	39.76
● DFP-CN4		0.041	0.09	66K6642	39.76
● DFP-CN5		0.052	0.104	66K6643	39.76
● DFP-CN6		0.061	0.112	66K6644	39.76
● DFP-CN7		0.096	0.143	66K6645	39.76
● DFP-CNL3		Long Reach	0.031	0.08	66K6637
● DFP-CNL4	0.041		0.09	66K6638	50.40
● DFP-CNL5	0.052		0.104	66K6639	47.43

(85803)

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: 6PSI (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 workstation and **mfg. part no. MFR-WSDS** desoldering workstation. **Mfg. part no. MFR-HSR** soldering and rework hand-piece uses **SFP** and **RFP** series soldering and rework cartridges; *order separately on page 2010*. **Mfg. part no. MFR-HDS** desoldering hand-piece uses **DFP** series desoldering cartridges; *order separately on pages 2011-2012*.

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
● MFR-SDI	Soldering, Desoldering and Rework System with Internal Air Pump	66K6694	920.16
● MFR-SDX	Soldering, Desoldering and Rework System, External Air	66K6695	759.99

ACCESSORIES

● MFR-HSR	Soldering and Rework Handpiece with 48" Long Cord	66K6690	91.59
● MFR-WSSR	Soldering Workstand	66K6700	63.90
● MFR-HDS	Convertible Pencil/Pistol-Grip Desoldering Hand-piece with 48" long Cord	66K6687	211.94
● MFR-WSDS	Desoldering Workstand	66K6698	53.25
● MFR-HDCA	Desoldering Coil Assembly	66K6686	73.49
● AC-CC	Solder Collection Chamber	66K6631	7.68
● AC-DFP	Solder Chamber Liner/Filter	66K6632	15.45
● AC-VL	ESD Air Hose with Fitting	66K6635	27.42
● DP-SL3	Front Seal	41B5223	8.52
● AC-Y10	Yellow Sponge for Workstand, (3.2"W x 2.1"H), Pkg. of 10	66K6636	21.30
● AC-BP	Lead-Free Brass Pads for Workstand, Pkg. of 10	03M6022	9.59
● AC-BRUSH-P	Soft-Brass Cleaning Brush, Pkg. of 6	76K1432	52.66
● AC-IK	Interlocking/Mounting Kit	66K6633	9.59
● AC-MFR-PM	Power Meter	66K6634	159.75

(85804)

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
			1-4
● BVX-101	Benchtop Fume Extractor System, Single-User, Arm/Plenum, Pre-HEPA-Gas, 100-240VAC	20C2393	694.24
● FG-BVX	Deep Bed Gas Replacement Filter	76K1581	108.34

➔ CONTINUED ➔

BVX-100 SERIES BENCHTOP FUME EXTRACTION SYSTEM (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
● FM-BVX	Main Replacement Filter (Combined HEPA/Gas)	76K1582	108.35
● FP-BVX	Replacement Pre-Filters (Sold in Pkg. of 5)	76K1584	36.06

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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	789.36
● BVX-201-KIT	Two Arm Fume Extraction System Kit, Pre-HEPA-Gas	29M6877	897.19
● BVX-203	Two-Arm Fume Extraction Filter Unit, Pre-Deep Bed Gas	01J2017	884.40

EXHAUST ARM KIT

● BVX-ARM-K1	One 28" BVX Arm with 6' Long Hose and Table Bracket with C-Clamps	01J2015	167.07
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REPLACEMENT FILTERS

● FM-BVX200	Main Filter (Combined HEPA/Gas)	01J2019	110.14
● FG-BVX200	Deep Bed Gas Filter	01J2018	204.19
● FP-BVX200	Pre-Filter (Sold in Pkg. of 5)	01J2020	60.64

(79281)

MX SERIES SMARTHEAT SOLDERING/ SMT DESOLDERING REWORK STATIONS AND ACCESSORIES



- 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



MX-500TS-11

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

Mfg. Part No.	Stock No.	Price Each
● MX-500S-11	91F5868	576.35

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	1003.70
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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, workstation, two sponges, two cartridge removal pads, cleaning brush, tube cleaning brush, chamber liner and filter pack, and desoldering tip cleaner.

● MX-500DS-11	88F5891	921.69
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ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
● MX-TALON-01	TALON Upgrade Kit	50B6148	481.39
● MX-D001	Desolder Upgrade Kit	76K1955	493.77
● MX-500P-11	2-Port Switch Mode Power Supply	53M8486	493.77
● MX-RM3E	Handpiece with Cord for MX-500S	91F5870	110.14
● MX-RM6E	Long-Reach Soldering Handpiece with CP2 for MX500	41B5524	155.52
● MX-TALON	Handpiece with Cord (Tweezers) for TALON MX-500TS	77M9250	357.64
● MX-PTZ	Precision Tweezer Soldering/Rework Handpiece for MX-500	95M8557	308.14

➔ CONTINUED ➔

SOLDERING EQUIPMENT

MX SERIES SMARTHEAT SOLDERING/SMT DESOLDERING REWORK STATIONS AND ACCESSORIES (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
MX-DS1	Desoldering Handpiece	41B5513	356.40
● MX-DCF1	Filter Pack for DS1 (Includes 15 Chamber Liners and 6 Fume Filters)	76K1952	17.97
● MX-DCF1L	Chamber Liners for DS1 (Sold in Pkg. of 40)	76K1954	36.34
● MX-DCF1F	Fume Filters for DS1 (Sold in Pkg. of 20)	02M2146	8.67
● MX-DAH4	ESA Air Hose with Standard Fitting	76K1951	37.13
● WST	Workstand with Sponge for TALON MX-500TS Soldering/Rework System	21M8515	37.13
● MX-WS5	Workstand with Sponge for MX Series Rework Systems and MX-DS1 Desoldering Handpiece	76K1957	63.12
● WS1	Workstand with Sponge for MX-500S Soldering/Rework System	22M4770	74.25
● AC-CP2	Cartridge Removal Pad	91F5873	7.66

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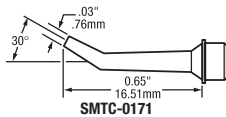
SMTC SERIES SOLDERING/SMT REWORK TIP CARTRIDGES



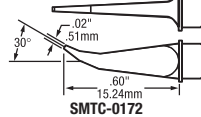
Hoof Tip

Knife Tip

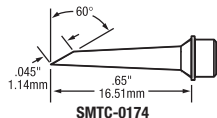
Blade Tip



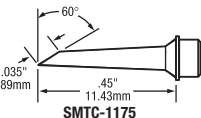
SMTC-0171



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 PLCCs 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	47.52
● SMTC-1172	Micro-Fine	Drag Soldering	700	76K2392	47.29
● SMTC-0147	Hoof	Drag Soldering	600	76K2368	50.24
● SMTC-1147	Hoof	Drag Soldering	700	76K2387	47.28
● SMTC-0174	Micro-Fine Hoof	Drag Soldering	600	72C6553	50.25
● SMTC-1174	Micro-Fine Hoof	Drag Soldering	700	76K2393	47.29
● SMTC-0175	Mini-Hoof	Drag Soldering	600	76K2373	49.07
● SMTC-1175	Mini-Hoof	Drag Soldering	700	76K2394	46.11
● SMTC-0167	Mini-Hoof	Drag Soldering	600	76K2370	46.50
● SMTC-1167	Mini-Hoof	Drag Soldering	700	76K2390	47.28
● SMTC-0161	Knife	Drag Soldering	700	76K2369	47.28
● SMTC-1161	Knife	Drag Soldering	700	76K2389	47.28
● SMTC-1173	Knife	Drag Soldering	800	21H9288	50.24
● SMTC-560	0.410" Blade	Pad Cleaning	500	21H9292	91.51
● SMTC-060	0.410" Blade	Pad Cleaning	600	76K2375	89.64
● SMTC-160	0.410" Blade	Pad Cleaning	700	76K2395	89.64
● SMTC-061	0.620" Blade	Pad Cleaning	600	76K2376	89.64
● SMTC-161	0.620" Blade	Pad Cleaning	700	76K2396	89.64
● SMTC-062	0.870" Blade	Pad Cleaning	600	91F5882	88.05
● SMTC-162	0.870" Blade	Pad Cleaning	700	76K2397	89.64
● SMTC-0110	1.550" Dual Blade	Pad Cleaning	600	91F5883	159.51
● SMTC-1110	1.550" Dual Blade	Pad Cleaning	700	83F2259	159.51
● SMTC-0171	Micro-Fine Chip Removal	0201, 0402 Chips	600	76K2371	47.30
● SMTC-1171	Micro-Fine Chip Removal	0201, 0402 Chips	700	76K2391	47.06
● SMTC-096	Slot Cartridge	0402, 0603 Chips	600	76K2377	39.42
● SMTC-196	Slot Cartridge	0402, 0603 Chips	700	83F2257	41.89
● SMTC-001	Slot Cartridge	0805 Chips	600	91F5885	41.89
● SMTC-101	Slot Cartridge	0805 Chips	700	76K2378	39.42
● SMTC-002	Slot Cartridge	1206, 1210 Chips	600	76K2361	41.07

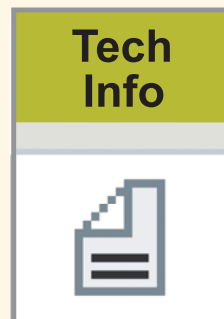
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SMTC SERIES SOLDERING/SMT REWORK TIP CARTRIDGES (CONT.)

Mfg. Part No.	Tip Style	Application	Tip Series	Stock No.	Price Each
● SMTC-102	Slot Cartridge	1206, 1210 Chips	700	83F2239	39.42
● SMTC-003	Slot Cartridge	1808, 1812 Chips	600	91F5887	41.89
● SMTC-103	Slot Cartridge	1808, 1812 Chips	700	83F2240	41.89
● SMTC-005	Slot Cartridge	SOT-23	600	91F5888	39.42
● SMTC-105	Slot Cartridge	SOT-23	700	83F2241	41.89
● SMTC-008	Slot Cartridge	SOT-89	600	91F5890	41.89
● SMTC-108	Slot Cartridge	SOT-89	700	83F2243	41.89
● SMTC-104	Tunnel Cartridge	SOIC-8	700	76K2379	45.09
● SMTC-006	Tunnel Cartridge	SOIC-14, -16	600	76K2362	45.09
● SMTC-106	Tunnel Cartridge	SOIC-14, -16	700	76K2380	42.80
● SMTC-009	Tunnel Cartridge	SOIC-24	600	76K2364	45.09
● SMTC-109	Tunnel Cartridge	SOIC-24	700	76K2382	47.92
● SMTC-010	Tunnel Cartridge	SOIC-20	600	76K2365	47.92
● SMTC-110	Tunnel Cartridge	SOIC-20	700	83F2245	47.92
● SMTC-007	Tunnel Cartridge	SOIC-28, SOT-34	600	76K2363	42.27
● SMTC-107	Tunnel Cartridge	SOIC-28, SOT-34	700	76K2381	43.97
● SMTC-042	Tunnel Cartridge	SOIC-32	600	91F5893	59.11
● SMTC-142	Tunnel Cartridge	SOIC-32	700	83F2251	59.11
● SMTC-026	Tunnel Cartridge	SOJ-28, SOM-36	600	91F5894	47.92
● SMTC-126	Tunnel Cartridge	SOJ-28, SOM-36	700	83F2249	47.92
● SMTC-0140	Tunnel Cartridge	SOJ-32, SOJ-34	600	91F5895	59.11
● SMTC-1140	Tunnel Cartridge	SOJ-32, SOJ-34	700	83F2261	59.11
● SMTC-095	Tunnel Cartridge	TSOP-28	600	91F5896	59.11
● SMTC-195	Tunnel Cartridge	TSOP-28	700	83F2255	59.11
● SMTC-0154	Tunnel Cartridge	TSOP-40	600	91F5897	105.57
● SMTC-1154	Tunnel Cartridge	TSOP-40	700	83F2264	105.57
● QMTC-012	Quad Cartridge	PLCC-20	600	91F5898	75.17
● SMTC-112	Quad Cartridge	PLCC-20	700	83F2246	75.17
● SMTC-0103	Quad Cartridge	PLCC-28	600	91F5899	75.17
● SMTC-113	Quad Cartridge	PLCC-28	700	76K2385	70.74
● SMTC-016	Quad Cartridge	PLCC-32	600	91F5900	75.17
● SMTC-116	Quad Cartridge	PLCC-32	700	85K9073	70.44
● SMTC-014	Quad Cartridge	PLCC-44	600	91F5901	75.17
● SMTC-114	Quad Cartridge	PLCC-44	700	76K2386	70.52
● SMTC-0-118	Quad Cartridge	PLCC-44	600	91F5906	75.17
● SMTC-1118	Quad Cartridge	PLCC-44	700	83F2260	75.17
● SMTC-0145	Quad Cartridge	PLCC-84	600	91F5907	159.51
● SMTC-1145	Quad Cartridge	PLCC-84	700	83F2262	159.51
● SMTC-021	Quad Cartridge	QFP-44	600	76K2374	69.56
● SMTC-121	Quad Cartridge	QFP-44	700	93B2030	69.42
● SMTC-115	Quad Cartridge	QFP-64, -80	700	91F5904	104.76
● SMTC-086	Quad Cartridge	QFP-132	600	91F5905	111.31
● SMTC-186	Quad Cartridge	QFP-132	700	83F2256	111.31
● SMTC-0122	Quad Cartridge	QFP-144	600	41B5795	111.31
● SMTC-1122	Quad Cartridge	QFP-144	700	76K2384	104.76
● SMTC-0120	Quad Cartridge	SQDP-64	600	76K2367	68.98
● SMTC-1120	Quad Cartridge	SQDP-64	700	41B5836	70.74
● SMTC-118	Dual Quad Cartridge	PLCC-68	700	91F5902	111.31
● SMTC-029	Dual Quad Cartridge	PLCC-84	600	91F5903	206.55
● SMTC-129	Dual Quad Cartridge	PLCC-84	700	83F2250	206.55
● SMTC-0109	Socket Cartridge	PLCC-32	600	76K2366	66.32
● SMTC-1109	Socket Cartridge	PLCC-32	700	76K2383	66.32

(72995)

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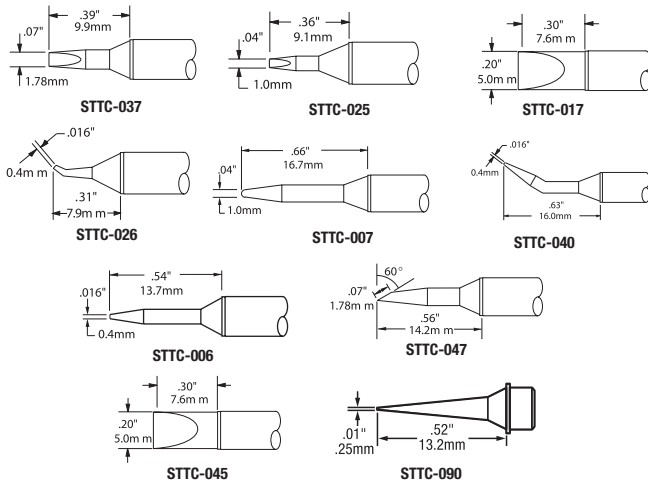


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(116877)

SOLDERING EQUIPMENT

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		
					1-4	5-24	25+
● STTC-525	30° Chisel	0.04	500	76K2475	24.41	24.05	23.51
● STTC-025	30° Chisel	0.04	600	76K2440	23.80	23.45	22.92
● STTC-125	30° Chisel	0.04	700	76K2458	23.80	23.45	22.92
● STTC-125P	30° Chisel	0.04	700	68K1797	24.41	24.05	23.51
● STTC-038	30° Chisel	0.06	600	76K2445	24.41	24.05	23.51
● STTC-138	30° Chisel	0.06	700	76K2463	23.80	23.45	22.92
● STTC-838	30° Chisel	0.06	800	41B6009	24.41	24.05	23.51
● STTC-537	30° Chisel	0.07	500	76K2477	24.41	24.05	23.51
● STTC-037	30° Chisel	0.07	600	76K2444	23.80	23.45	22.92
● STTC-137P	30° Chisel	0.07	700	14M6371	24.41	24.05	23.51
● STTC-837	30° Chisel	0.07	800	76K2482	23.80	23.45	22.92
● STTC-536	30° Chisel	0.1	500	76K2476	24.41	24.05	23.51
● STTC-036	30° Chisel	0.1	600	76K2443	23.80	23.45	22.92
● STTC-136	30° Chisel	0.1	700	76K2462	23.80	23.45	22.92
● STTC-136P	30° Chisel	0.1	700	68K1795	23.80	23.45	22.92
● STTC-836	30° Chisel	0.1	800	41B6007	24.41	24.05	23.51
● STTC-199	30° Chisel Bent	0.02	700	76K2474	24.41	24.05	23.51
● STTC-198	30° Chisel Bent	0.07	700	76K2473	24.41	24.05	23.51
● STTC-542	60° Chisel	0.07	500	92F183	25.94	25.55	24.98
● STTC-042	60° Chisel	0.07	600	76K2446	24.27	23.91	23.37
● STTC-142	60° Chisel	0.07	700	76K2465	24.41	24.05	23.51
● STTC-133	90° Chisel	0.1	700	76K2460	29.50	29.06	28.41
● STTC-103	90° Chisel	0.12	700	41B5959	27.15	26.75	26.15
● STTC-113	90° Chisel	0.12	700	76K2454	23.80	23.45	22.92
● STTC-165	Large Chisel	0.2	700	76K2471	27.07	26.67	26.07
● STTC-017	Extra-Large Chisel	0.2	600	76K2438	24.41	24.05	23.51
● STTC-117	Extra-Large Chisel	0.2	700	76K2456	23.80	23.45	22.92
● STTC-817	Extra-Large Chisel	0.2	800	76K2481	23.80	23.45	22.92
● STTC-026	30° Sharp Bent	0.016	600	76K2441	24.41	24.05	23.51
● STTC-126	30° Sharp Bent	0.016	700	76K2459	23.80	23.45	22.92
● STTC-044	30° Sharp Bent	0.02	600	76K2447	24.41	24.05	23.51
● STTC-144	30° Sharp Bent	0.02	700	76K2467	23.80	23.45	22.92
● STTC-145P	Conical	0.016	700	68K5809	24.41	24.05	23.51
● STTC-512	Conical	0.08	500	92F186	25.94	25.55	24.98
● STTC-012	Conical	0.08	600	76K2436	25.94	25.55	24.98
● STTC-112	Conical	0.08	700	76K2453	24.41	24.05	23.51
● STTC-143	Conical Sharp	0.02	700	76K2466	24.41	24.05	23.51

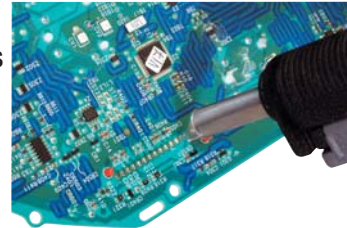
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STTC SERIES SOLDERING/SMT TIP CARTRIDGES (CONT.)

Mfg. Part No.	Tip Style	Tip Width (in.)	Tip Series	Stock No.	Price Each		
					1-4	5-24	25+
● STTC-007	Conical Sharp	0.04	600	76K2435	24.41	24.05	23.51
● STTC-107	Conical Sharp	0.04	700	76K2452	24.41	24.05	23.51
● STTC-501	Conical Sharp	0.04	500	92F192	25.94	25.55	24.98
● STTC-001	Conical Sharp	0.04	600	76K2433	23.88	23.52	22.99
● STTC-101	Conical Sharp	0.04	700	76K2450	24.41	24.05	23.51
● STTC-101P	Conical Sharp	0.04	700	10M9200	24.41	24.05	23.51
● STTC-506	Conical Sharp	0.016	500	92F199	24.41	24.05	23.51
● STTC-006	Conical Sharp	0.016	600	76K2434	23.80	23.45	22.92
● STTC-106	Conical Sharp	0.016	700	76K2451	23.80	23.45	22.92
● STTC-022	Conical Sharp	0.016	600	76K2439	24.41	24.05	23.51
● STTC-122	Conical Sharp	0.016	700	76K2457	23.80	23.45	22.92
● STTC-140	Conical Bent	0.032	700	76K2464	23.80	23.45	22.92
● STTC-535	30° Bevel	0.07	500	92F189	24.41	24.05	23.51
● STTC-035	30° Bevel	0.07	600	76K2442	24.41	24.05	23.51
● STTC-135	30° Bevel	0.07	700	76K2461	25.94	25.55	24.98
● STTC-524	30° Bevel	0.04	500	92F195	25.94	25.55	24.98
● STTC-124	30° Bevel	0.04	700	92F196	23.80	23.45	22.92
● STTC-514	45° Bevel	0.08	500	92F202	25.94	25.55	24.98
● STTC-014	45° Bevel	0.08	600	76K2437	22.89	22.55	22.04
● STTC-114	45° Bevel	0.08	700	76K2455	24.41	24.05	23.51
● STTC-146	60° Bevel	0.04	700	76K2469	24.41	24.05	23.51
● STTC-547	60° Bevel	0.07	500	92F197	25.94	25.55	24.98
● STTC-047	60° Bevel	0.07	600	92F198	24.41	24.05	23.51
● STTC-147	60° Bevel	0.07	700	76K2470	24.41	24.05	23.51
● STTC-147P	60° Bevel	0.07	700	68K5810	24.18	23.82	23.29
● STTC-545	60° Bevel	0.016	500	76K2480	24.41	24.05	23.51
● STTC-045	60° Bevel	0.016	600	76K2448	24.41	24.05	23.51
● STTC-145	60° Bevel	0.016	700	76K2468	23.80	23.45	22.92
● STTC-090	Micro-Fine Point	0.01	600	76K2449	24.41	24.05	23.51
● STTC-190	Micro-Fine Point	0.01	700	76K2472	23.80	23.45	22.92
● STTC-1173P	Knife	0.2	700	77M9254	47.29	46.59	45.54

(19828)

STDC SERIES DESOLDERING TIP CARTRIDGES



STDC series tip cartridges are designed for high heat transfer, making them ideal for desoldering on multi-layer boards. Available in three temperature ranges (600, 700 and 800 series). STDC series tip cartridges are for use in mfg. part no. MX-DS1 desoldering handpiece for MX series soldering and desoldering systems. Other geometries are available; go online or call.

Mfg. Part No.	Tip Size	Tip Series	Stock No.	Price Each		
				1-4	5-24	25+
● STDC-003	0.030" I.D., 0.066" O.D.	600	41B5908	42.77	42.17	40.97
● STDC-004	0.040" I.D., 0.070" O.D.	600	41B5909	41.95	41.36	40.18
● STDC-005	0.050" I.D., 0.080" O.D.	600	76K2424	42.77	42.17	40.97
● STDC-102	0.250" I.D., 0.066" O.D.	700	41B5913	42.77	42.17	40.97
● STDC-103	0.030" I.D., 0.066" O.D.	700	76K2425	42.77	42.17	40.97
● STDC-105	0.030" I.D., 0.066" O.D.	700	76K2426	39.57	39.01	37.89
● STDC-106	0.060" I.D., 0.090" O.D.	700	76K2427	42.77	42.17	40.97
● STDC-107	0.095" I.D., 0.125" O.D.	700	76K2428	42.77	42.17	40.97
● STDC-804	0.040" I.D., 0.070" O.D.	800	41B5925	63.02	62.13	60.36

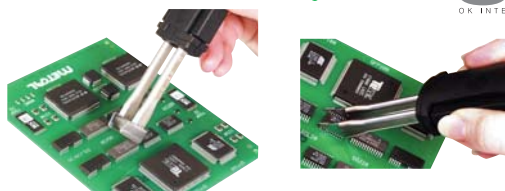
LONG REACH CARTRIDGES — FOR HARD-TO-ACCESS LEADS

● STDC-703L	0.030" I.D., 0.066" O.D.	700	76K2429	47.43	46.76	45.43
● STDC-704L	0.040" I.D., 0.070" O.D.	700	41B5920	47.43	46.76	45.43
● STDC-705L	0.050" I.D., 0.080" O.D.	700	76K2430	47.43	46.76	45.43
● STDC-803L	0.030" I.D., 0.066" O.D.	800	76K2431	73.63	72.59	70.52
● STDC-804L	0.040" I.D., 0.070" O.D.	800	84K0227	69.25	68.28	66.33
● STDC-805L	0.050" I.D., 0.080" O.D.	800	41B5928	69.30	68.32	66.37

(79283)

SOLDERING EQUIPMENT

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		
					1-4	5-24	25+
● TATC-501	Fine Point	0.20"	500	91F5908	109.60	107.95	105.48
● TATC-601	Fine Point	0.20"	600	76K2483	106.86	105.25	102.84
● TATC-602	Blade	0.25"	600	76K2484	109.60	107.95	105.48
● TATC-503	Blade	0.62"	500	91F5912	116.45	114.69	112.07
● TATC-603	Blade	0.62"	600	76K2485	109.60	107.95	105.48
● TATC-604	Blade	0.81"	600	76K2486	109.60	107.95	105.48
● TATC-606	Blade	1.1"	600	50B6174	139.73	137.63	134.48
● TATC-605	TSOP 32	...	600	88K1244	108.10	106.47	104.03
● TATC-608	Angled Viper	0.05"	600	76K2487	109.60	107.95	105.48

(72996)

BENCHTOP FUME ABSORBERS



- 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	114.84
SA9-E-115	ESD Fume Absorber, 115V	50F5446	139.54
SA-91	Fume Absorber w/Articulating Arm, 115V	95F3919	259.41
SA-91E	ESD Fume Absorber w/Articulating Arm, 115V	95F3920	288.23
● SAF1	3-Piece Replacement Filter Set	96F7990	24.07

(5988)

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	331.10

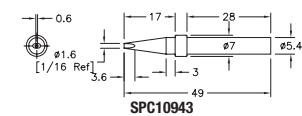
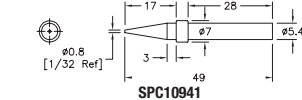
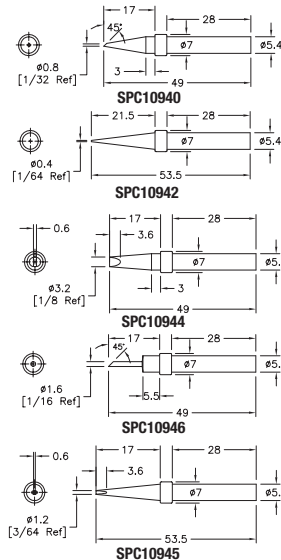
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(116880)

ADJUSTABLE TEMPERATURE-CONTROLLED SOLDERING STATION



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, TUV approved.

Mfg. Part No.	Stock No.	Price Each
4004	84N1044	137.60

REPLACEMENT TIPS

Mfg. Part No.	Description	Stock No.	Price Each
SPC10946	1/16" Tip	29C7727	1.89

(32970)

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



7904 Power Pro

7700 Quick Charge

7800 "60" Pro-Charge

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	96.19
7952-100	Power Pro Iron Only	52F9314	75.54
7933	Battery	52F9319	26.94

7700 ISO-TIP QUICK CHARGE SOLDERING IRON

7700	Quick Charge Kit	44F6636	68.79
7750	Quick Charge Iron Only	44F6646	52.65
7728-100	Recharger	44F6645	20.19
7733	Battery	66F1221	20.96

➤ CONTINUED ➤

SOLDERING EQUIPMENT

SOLDERING IRONS AND SPECIALTY TOOLS (CONT.)

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

Mfg. Part No.	Description	Stock No.	Price Each	
			1-3	
7800/7840	"60" Pro-Charge Kit	44F6635	95.91	
7850	"60" Pro-Charge Iron Only	44F6637	75.54	
7833	Battery	83F3365	22.28	

(5816)

ISO-TIP SOLDER PRO BUTANE SOLDERING IRONS



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	
					1-3	
7971	Solder Pro 50	30	410°F - 750°F	95B5129	31.88	
7974	Solder Pro 70	120	410°F - 810°F	95B5130	47.82	
7977	Solder Pro 120	200	480°F - 950°F	95B5131	89.38	

REPLACEMENT TIPS AND SOLDER PASTE

Mfg. Part No.	Description	Stock No.	Price Each
7546	Heavy-Duty 3/16" Point Soldering Iron Tip	44F6654	7.32
7593	3/16" Bevel Soldering Iron Tip	44F6649	5.94
7577-100	High-Efficiency 5/32" Chisel Soldering Iron Tip	96F6874	7.32
7459	Solder-It Silver Bearing Solder Paste	95B5098	6.19

(47971)

ISO-TIP EZ CHANGE RECHARGEABLE SOLDERING IRON



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	
		1-3	
7670	95B5099	37.44	

(47972)

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



Mfg. Part No.	Stock No.	Price Each	
		1-4	
WLC100	92F5084	62.74	

(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



WES51

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

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
WES51	50W, 120V, Electronic Station w/ETA Tip	92C1414	127.19	
WESD51	50W, 120V Digital Soldering Station w/ETA Tip	94C3885	176.36	
PESS1	Soldering Pencil for Mfg. part no. WES51PU w/ETA Tip	94C1544	40.48	
PH50	Soldering Stand and Sponge for mfg. part no. PES51	95B4551	17.91	

(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



Mfg. Part No.	Description	Stock No.	Price Each
WTCPT	120V Temperature-Controlled Soldering Station	35F3309	179.28

WTCPT REPLACEMENT PARTS AND ACCESSORIES

TC201T	Soldering Pencil with Mfg. Part No. PTA7 Soldering Tip	35F2522	93.85
PH1201ESD	ESD Iron Stand Assembly	95F3797	29.52
TC205	Replacement Sponge for PH Series Iron Stands	34F1030	1.42
EC234	Heater Assembly for mfg. part no. TC201T Iron	90F6541	20.72

(5994)

7805 DESOLDERING BULB



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

Mfg. Part No.	Stock No.	Price Each	
		1-4	
7805	32F975	11.09	

(5912)

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. WDR20** 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; ordered 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 (65 mm), 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 (65 mm), order **mfg. part no. 0058744846** long tip retainer assembly separately; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
● WD1001	85W Single-Channel Micro Digital Soldering Station with 65W Soldering Micro-Pencil and WDH20 Soldering Pencil Stand	24K3775	329.14	
● WD1002	85W Single-Channel Digital Soldering Station with 80W Short-Barrel Soldering Pencil and WDH10 Soldering Pencil Stand	86K9118	329.14	
WD1002T	85W Single-Channel Digital Soldering Station with 80W Short-Barrel Soldering Pencil and WDH10T Stop + Go Soldering Pencil Stand	08N3482	343.66	

ACCESSORIES

● WD1	85W Single-Channel Digital Soldering Station Power Unit	36K3087	205.85
● WD2	160W Dual-Channel Digital Soldering Station Power Unit	24K3776	317.03
● WSP80	80W Soldering Pencil	83F4097	123.04
● WM-P	65W Soldering Micro-Pencil	01H8406	118.89

➤ CONTINUED ➤

SOLDERING EQUIPMENT

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

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
0051512199	WDH10 Soldering Pencil Stand for WSP80	67K2889	42.52
0051512299	WDH20 Soldering Micro-Pencil Stand for WMP	67K3182	42.52
WTA50	Thermal Tweezer	20C5672	193.67

WRS3000VX SERIES DIGITAL SELF-CONTAINED MULTI-FUNCTION REWORK STATION



- 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



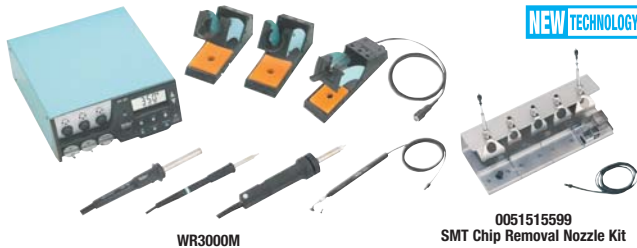
This versatile rework station is engineered to handle professional repairs. Includes mfg. part no. WRS3000 digital, self-contained, triple-channel rework station, mfg. part no. 0051318099 80W inline desoldering pencil, mfg. part no. WSP80 80W soldering pencil, two tool support stands, disposable solder cartridges, one mfg. part no. DX112 threadless desoldering tipset 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	1624.45
0051318099	80W Inline Desoldering Pencil	30K6467	219.87

WR3000M DIGITAL SELF-CONTAINED 3-FUNCTION REWORK SYSTEM



NEW TECHNOLOGY



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 — WMPRP 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	1799.00

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 separate 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	55M4664	1199.00

➔ CONTINUED ➔

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

Mfg. Part No.	Description	Stock No.	Price Each
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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	299.00
0052711699	HAP200 200W Hot-Air Pencil Only	55M4639	262.00
0053311499	HAP1 100W Hot-Air Tool Set with WDH30 Stand	58M1918	209.00

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	300.00
0051515499	WRK SMT Nozzle Storage Stand	58M1914	78.00
0058761730	2-Pc. SMT Quad Nozzle Set — 33x33 and 24x24mm Wide	58M1920	87.00
0058761731	2-Pc. SMT Quad Nozzle Set — 27x27 and 20x20mm Wide	58M1921	87.00
0058761732	4-Pc. SMT Quad Nozzle Set — 18, 15.5, 12.5 and 10mm Wide	58M1922	87.00
0052918499	WVP Vacuum Pick-Up Pen	55M4647	61.50
0058761728	Hot-Air Nozzle Adapter	50M8789	12.00

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	255.00
0051319099	DSX80 80W Desoldering Pencil Only	58M2801	215.00
0051315099	DX113HM High-Mass Threadless Desoldering Tip — 0.098" O.D. x 0.906"L	58M1910	16.50
0051314799	DX117 Threadless Desoldering Tip — 0.114" O.D. x 0.906"L	58M2794	12.45
0051314899	DX118 Threadless Desoldering Tip — 0.059" O.D. x 0.906"L	58M2795	12.45
0051315199	DX119 Threadless Desoldering Tip — 0.043" O.D. x 1.22"L	58M2796	12.45
0051315299	DX120 Threadless Desoldering Tip — 0.098" O.D. x 0.866"L	58M2797	12.45

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	244.00
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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. 0052916199 WSP80 soldering tool set includes WSP80 80W soldering pencil, 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	140.00
0052916199	WSP80 80W Soldering Tool Set with WDH10 Stand	58M2802	140.00
0053313199	MPR80 80W Peritronic Soldering Tool Set with KH25P Stand	58M1919	150.00

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	180.00
0052917999	WMP 65W Short "Tip-to-Grip" Micro-Soldering Tool Set with WDH20 Stand	58M2803	140.00

STANDS AND ACCESSORIES

Mfg. part no. 0051515299 WDH30 stand with sponge for holding HAP1, HAP200, DSX80 or WSP150 tools. Mfg. part no. 0051515399 WDH40 stand with sponge for holding DSX80 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 WMPRP 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 and mfg. part no. 0051382499 replacement metal wools. Mfg. part no. 0051350099 cleaning tool is ideal for cleaning desoldering nozzles. Mfg. part no. 0052241999 replacement sponges for use with WDH tool stands. 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
0051515299	WDH30 Hot-Air Pencil Stand with Sponge	58M1912	41.25
0051515399	WDH40 Desoldering Pencil Stand with Sponge	58M1913	66.00
0051516199	WDH10T "Stop-and-Go" Soldering Pencil Stand with Sponge	55M6393	78.00
0051516299	WDH20T "Stop-and-Go" Soldering Pencil Stand with Sponge	58M1916	78.00
0051515699	WDH50 Soldering Pencil Stand with Sponge	58M1915	87.00
0051503399	KH25P Peritronic Soldering Pencil Stand with Sponge	58M1911	27.50
0051350099	Desoldering Nozzle Cleaning Tool	81C8875	14.70
0051512599	WDC2 Attachable Soldering Tip Dry Cleaner	55M4510	12.00
WDC	Free-Standing Soldering Tip Dry Cleaner	34M8975	16.00

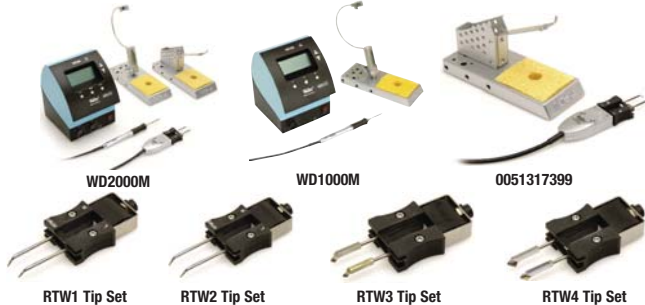
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SOLDERING EQUIPMENT • ABRASIVE TOOLS

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

Mfg. Part No.	Description	Stock No.	Price Each
0051382499	Replacement Metal Wools — Sold in Pkgs. of 2	05M3451	5.00
0052241999	Replacement Sponge for WDH Soldering Pencil Stands — Sold in Pkgs. of 5	65J9851	6.77
0051303199 (102086)	Soldering Tip Tinner/Activator	58M1909	8.00

MICRO DIGITAL REWORK/SOLDERING STATIONS AND ACCESSORIES



- 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. WMRTH 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. WMRTH 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. WMRH 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
			1-4
● WD2000M	160W Dual-Channel Micro Digital Rework/Soldering Station	84K0488	1029.70
● WD1000M	85W Single-Channel Micro Digital Rework/Soldering Station	84K0486	594.01

REPLACEMENT ACCESSORIES

● WD2M	160W Dual-Channel Micro Digital Rework/Soldering Power Unit	84K0487	391.64
● WD1M	85W Single-Channel Micro Digital Rework/Soldering Power Unit	84K0485	278.56
● 0052917199	WMRP Soldering Micro-Pencil	24K3757	140.47
● 0051515699	WDH50 Soldering Pencil Stand with Sponge	58M1915	87.00

RT SERIES SOLDERING TIPS

RT series soldering tips are specially designed for microsoldering 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
			1-4
● RT - 1	Needle Tip	24K3763	36.78
● RT - 2	Point Tip, 0.016" (0.41mm) Thick	24K3764	36.78
● RT - 3	Chisel Tip, 0.051" (1.3mm) Thick, 0.016" O.D.	24K3765	36.78
● RT - 4	Chisel Tip, 0.059" (1.5mm) Thick, 0.016" O.D.	24K3766	36.78
● RT - 5	30° Bent Chisel Tip, 0.031" (0.79mm) Thick, 0.016" O.D.	24K3767	36.78
● RT - 6	45° Beveled Round Tip, 0.047" (1.19mm) Thick	24K3768	36.78
● RT - 7	45° Knife Tip, 0.110" (2.8mm) Thick	24K3769	38.62

MICRO DESOLDERING TWEezer SETS, TIP SETS AND SUPPORT STAND

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
0051317399	WMRT Micro SMD Desoldering Tweezers Set with WMRTH Stand and RTW2 Tip Set	84K0490	363.08
0051317299	WMRT Micro SMD Desoldering Tweezers with RTW2 Tip Set	84K0489	276.18
0051514699	WMRTH Support Stand for WMRT Micro Desoldering Tweezers	84K0491	88.28
● 0054465199	RTW1 Tweezer Tip Set — Tip Width O.D. 0.008"/2mm	84K0492	77.23
● 0054465299	RTW2 Tweezer Tip Set — Tip Width O.D. 0.028"/0.7mm	84K0493	77.23
● 0054465399	RTW3 Tweezer Tip Set — Tip Width O.D. 0.118"/3mm	84K0494	91.66
● 0054465499	RTW4 Tweezer Tip Set — Tip Width O.D. 0.236"/5.99mm	84K0495	91.66

(86530)

MULTIFUNCTION REWORK STATIONS



Mfg. part no. WRS5000X Digital Self-Contained 5 Function Rework Stations With Tools:

- 600 watts of total power over 4 independently controlled channels
- Air and vacuum ports allow use of up to 4 tools simultaneously
- Uses new mfg. part no. 0051318099 inline desoldering tool with disposable solder cartridges
- Also includes mfg. part no. WSP80 80-watt soldering pencil and mfg. part no. WPH80 stand
- Also includes mfg. part no. HAP1 hot air pencil and mfg. part no. PH60 stand
- Also includes mfg. part no. WTA50 desoldering tweezers and mfg. part no. AK51 stand
- Programmable using optional mfg. part no. WCB1 control module
- Microprocessor with digital readout gives you complete accuracy
- Vacuum delay feature prevents clogging
- Wide range of tips and nozzles available

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
● WRS5000X	5-Function Rework Station	26M8316	4183.51
● WSP80	80W Soldering Pencil	83F4097	123.04
● 0051318099	80W Inline Desoldering Pencil	30K6467	219.87
● HAP1	100W Hot Air Pencil with 1.2mm Nozzle and Pencil Stand	92F7645	232.40
● PH60	Stand for HAP1	98H2161	36.65
● WTA50	SMD Desoldering Tweezers	20C5672	193.67
● 0051504299	Support for WTA50 Thermal Tweezers AK51	25C6566	27.84
● WCB1	Control Module for Silver Series Station	83F4099	185.69

WHA900 HOT-AIR REWORK STATION AND ACCESSORIES



Just Added



- 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	524.05

ACCESSORIES

Mfg. Part No.	Description	Size	Stock No.	Price Each
0058736881	Round Hot-Air Nozzle (No Vacuum)	0.098" I.D.	01C2581	64.08
0058736867	Round Hot-Air Nozzle (No Vacuum)	0.157" I.D.	01C2674	64.08
0058736870	Round Hot-Air Nozzle (No Vacuum)	0.276" I.D.	01C2679	64.08
0058736883	Round Dual Hot-Air Nozzle (No Vacuum)	0.098" I.D.	01C2682	64.08
0058736839	4-Sides Heated Hot-Air Nozzle	0.433 x 0.433 "	30C2393	64.08
● 58736814	4-Sides Heated Hot-Air Nozzle	0.709 x 0.709 "	26M8392	66.74
0058736807	4-Sides Heated Hot-Air Nozzle	0.807 x 0.807 "	30C2390	66.74
0058736833	4-Sides Heated Hot-Air Nozzle	1.26 x 1.26 "	19C0431	83.70
0058736838	4-Sides Heated Hot-Air Nozzle	0.394 x 0.571 "	23C6759	64.08
0058750721	4-Sides Heated Hot-Air Nozzle	0.669 x 0.925 "	20C6320	58.27
0058736840	2-Sides Heated Hot-Air Nozzle	0.583 x 0.846 "	18C5510	64.08
0058736842	2-Sides Heated Hot-Air Nozzle	0.394 x 0.551 "	20C6324	64.08
● 58736843	2-Sides Heated Hot-Air Nozzle	0.421 x 0.421 "	26M8393	64.08

➔ CONTINUED ➔

SOLDERING EQUIPMENT

WHA900 HOT-AIR REWORK STATION AND ACCESSORIES (CONT.)

ACCESSORIES

Mfg. Part No.	Description	Stock No.	Price Each
0058736841	2-Sides Heated Hot-Air Nozzle 0.472 x 0.748"	18C5509	64.08
0051504899	Hot-Air Nozzle Rack (Nozzles Not Included)	32H1877	44.36

(106765)

700W ANALOG-CONTROLLED HOT-AIR REWORK STATION



- Compact, self-contained benchtop unit: 5.1D x 8.7"H
- Current supply: 120V, 60Hz
- Air volume: 10 to 50 l/min.
- Temperature range: 122°F to 1022°F (50°C to 550°C)
- Adjustable air flow and temperature control panel on top of power unit
- Air flow is actuated by a finger switch on ESD-safe hot air pencil
- Built-in handpiece holder saves bench space



Mfg. part no. **WHA300** hot air rework station with an integral air supply without vacuum pick-up. Suited to less complex repair operations and other heating processes such as heat shrinking. It has an internal variable speed rotary turbine pump to provide its air supply and a variable-temperature electronically-controlled hot-air pencil. A full range of hot-air nozzles are available; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each
● WHA 300	Analog-Controlled Hot-Air Rework Station	98H0268	962.37

(90313)

DIGITAL SHOP AIR DESOLDERING STATION



- 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
			1-4
● WDD81X	Digital Shop Air Desoldering Station	30K6470	786.83

(48780)

WRS SERIES DIGITAL HOT-AIR REWORK STATION



- For safely and efficiently removing SMDs from PCBs
- Digital temperature control with easy-to-read LED display
- Self-contained rotary vane air pump/vacuum
- Finger-activated control switch on pencil
- Temperature range: 150°F to 999°F
- Air flow volume: 1 to 6 l/min.
- Voltage rating: 120V/24V



WRS1002 Hot-Air Station with HAP1 Hot-Air Pencil and Stand

Mfg. part no. **WRS1002** single-channel microprocessor-controlled hot-air rework station is ideal for use on circuits using smaller SMD components. Includes 100W digital power unit, mfg. part no. **HAP1** 100W hot-air pencil with 1.2mm hot-air nozzle and hot-air pencil stand with sponge. Small size hot-air nozzles are available; go online or call. Order additional mfg. part no. **HAP1** hot-air pencils with stand separately below.

Mfg. Part No.	Description	Stock No.	Price Each
WRS1002	Digital Hot-Air Rework Station with HAP1 Hot-Air Pencil	05J1523	1036.29
● HAP1	100W Hot Air Pencil with 1.2mm Nozzle and Pencil Stand	92F7645	232.40

(48781)

World-class website

- Fast, intuitive search
- Real-time availability
- Complete order history

(116679)

1.800.463.9275 • Find more at www.newark.com

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



- 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 **WHA3000PS** 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	1884.80
● WHA3000PS	Digital 700W Hot Air Station with Built-in Turbine and Standby Mode	09J1426	5088.96

(84524)

100W DIGITAL SHOP HOT AIR STATION



WAD101



HAP1

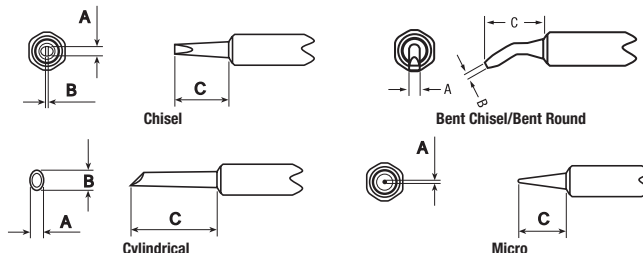
- Air flow is adjustable using knob on the side of the power unit
- Compact design, ideal for soldering, desoldering, rework SMT components
- Uses fast acting shop air or compressed nitrogen
- Air flow is actuated by a finger switch on the hot air pencil
- ESD-safe to protect sensitive components

Mfg. part no. **WAD101** digital shop hot air station includes power unit, mfg. part no. **HAP1** 100W hot air pencil, stand and sponge. When connected to your shop's air system and the mfg. part no. **HAP1** hot air pencil, this hot air station is ideal for rework situations where noncontact soldering and desoldering of surface mount devices (SMD) are needed. The hot air temperature is adjustable from 122°F to 1,022°F, and the air flow volume is adjustable from 1 liter/minute to 6 liters/minute. This hot air station can also support other Weller® soldering irons and accessories, including mfg. part no. **WSP80** 80W soldering iron along with a full range of hot air nozzles, ordered separately; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
WAD101	Digital Shop Hot Air Station	32H1784	656.70
● HAP1	Hot Air Pencil with Stand and Sponge	92F7645	232.40

(48782)

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.

➤ CONTINUED ➤

SOLDERING EQUIPMENT

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

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	10.10	9.67
NTK	Chisel Tip	0.047	0.016	0.331	32H1247	10.10	9.67
● NTA	Chisel Tip	0.063	0.016	0.331	09H2015	10.10	9.67
NT6	Chisel Tip	0.063	0.016	0.372	26H2559	10.10	9.67
● NTB	Chisel Tip	0.094	0.031	0.289	26M8283	10.10	9.67
● NTC	Chisel Tip	0.126	0.031	0.305	32H1245	10.10	9.67
● NTD	Chisel Tip	0.157	0.031	0.305	26M8284	16.82	16.11
NTAX	Bent Chisel Tip	0.063	0.031	0.339	32H1243	12.11	11.60
● NT1X	Bent Round Tip	0.016	0.063	0.321	01H8409	12.11	11.60
● NTGW	Cylindrical Tip	0.079	0.118	0.528	01H8410	17.14	16.41
NT1	Micro Tip	0.010	...	0.291	02H0195	10.10	9.67
NT1S	Micro Tip	0.010	...	0.333	09H1979	10.10	9.67
NT4	Round Tip	0.047	...	0.39	02H6177	10.10	9.67

(78447)

THREADED DESOLDERING TIPPLETS FOR DS80 AND DSV80 DESOLDERING IRONS



DS110

A full line of tips are available; go online or call.

Mfg. Part No.	Outside Diameter	Inside Diameter	Length	Stock No.	Price Each	
					1-4	5-24
● DS110	0.06" (1.52)	0.02" (0.63)	0.50" (12.7)	33F1278	10.35	
● DS114	0.12" (3.25)	0.07" (1.80)	0.50" (12.7)	33F1282	10.35	

(5909)

EC SERIES SOLDERING IRONS AND STANDS



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	136.90	131.01
EC1302B	20W Micro-Soldering Iron w/EPH101 Tip	20C3110	136.90	131.01
● WTA50	Thermal Tweezers	20C5672	193.67	170.82

ESD SOLDERING IRON STANDS

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

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5-24
PH1201ESD	For EC1201A, EC1201P, TC201T Irons	95F3797	29.52	28.26
PH1301ESD	For EC1301A, EC1302A Irons	95F3798	31.87	30.50
PH1503	For EC1503, EC1503A Irons	95F3799	38.58	36.92
● 0051504299	For WTA50	25C6566	27.84	24.56

(5996)

STANDARD LINE SOLDERING HANDLES AND HEATING ELEMENTS



- 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	5-24
7500	3-Wire, Burn Resistant Cord	32F978	39.10	
7400	3-Wire, Standard Cord	87F1628	25.36	
7770	All Purpose, 2-Wire, Blue	33F030	17.75	
7760	All Purpose, 2-Wire, Red	33F071	18.25	

➔ CONTINUED ➔

STANDARD LINE SOLDERING HANDLES AND HEATING ELEMENTS (CONT.)

INTERCHANGEABLE HEATING ELEMENTS INTEGRAL HEATER/TIPS

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5-24
● 533S	Long Taper Chisel, 23W, 800°F, Copper	33F647	24.84	
● 1233S	Long Taper Chisel, 33W, 900°F, Copper	33F646	26.75	
● 4033S	Long Taper Chisel, 45W, 1000°F, Iron Clad	33F086	34.15	
● 33	Long Taper Chisel, 50W, 1100°F, Iron Clad	90F1355	43.58	

HEATERS FOR 1/4" THREAD-ON TIPS

Mfg. Part No.	Description	Stock No.	Price Each
537S	23W, 700°F	32F977	23.12
1237S	33W, 800°F	33F678	25.23
4037S	45W, 900°F	33F677	27.68
37BK	50W, 1000°F	90F1356	39.34

HEATERS FOR 1/8" THREAD-IN TIPS

Mfg. Part No.	Description	Stock No.	Price Each
535S	23W, 700°F	33F081	25.99
1235S	33W, 800°F	33F085	25.99
● 4035S	45W, 900°F	26M8379	29.22

(5888)

COMPLETE IRONS FOR ELECTRONICS WORK



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	
			1-4	5-24
SL325	23W, 700°F	87F1625	45.83	
SL335	33W, 800°F	87F1626	48.70	
SL345	45W, 900°F	87F1627	51.63	

(5886)

SOLDERING IRONS



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, 40% resin core solder and soldering aid tool.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5-24
SP-23LK	Soldering Iron Kit	23C9175	19.57	
SP23L	Soldering Iron Only	26C0724	13.81	

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.

Mfg. Part No.	Description	Stock No.	Price Each
SP40L	40W	33C3180	19.57
SP80L	80W	25C4658	29.94

(5894)

SOLDERING EQUIPMENT

INDUSTRIAL SOLDERING IRONS



- These versatile irons feature interchangeable elements, allowing you to change wattage depending on the job
- Lightweight Handle With Cushion Grip
- Fitted with ST3 3/8"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	44.12	
WP35	34F1023	55.54	

(5899)

150W HEAVY-DUTY SOLDERING PENCIL AND REPLACEABLE TIPS



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	192.00
PH60	Soldering Pencil/Iron Stand with Sponge	35F3347	28.16

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	9.48
LHTE	0.263	19M0580	9.48
LHTF	0.366	19M0581	9.48

(89590)

SOLDERING TIPS



PL100



PL133



PL138



PL155



PL331



333

0.250" (6.35) THREAD-ON TIPS FOR USE WITH DI AND SL HEATERS (360, 362, 363, 537S, 537S, 1237S, 4037S, 37UG) Iron-clad except (*) unplated copper.

Mfg. Part No.	Tip Style	Tip Size In. (mm)	Stock No.	Price Each	
				1-4	
PL100	Precision Electronic	0.05" (1.27)	87F4279	7.45	
PL114	Micro Spade	0.05" (1.27)	30M7994	7.82	
PL133	Long Taper	0.15" (3.81)	26M8288	8.36	
PL138	Tapered Needle	0.05" (1.27)	26M8289	7.99	
PL153	Chisel	0.20" (5.08)	87F4281	8.99	
PL155	Stepped Chisel	0.07" (1.78)	87F4258	7.99	

0.125" (3.18) THREAD-IN TRIPLETS 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	
PL331	Pencil/Cone	0.01" (0.25)	33F093	6.28	
333*	Chisel	0.13" (3.3)	33F084	3.48	

9000 SERIES SOLDERING TIPS FOR TOOLS (9211, 9911AS, 9370, 9380, UTC200) Tips are solid copper plated with iron all over. Feature nickel and chromium behind the working surface. Order mfg. part no. 9037 tip retainer assembly separately; go online or call.

Mfg. Part No.	Tip Style	Tip Size In. (mm)	Stock No.	Price Each	
				1-4	
9012	Screwdriver	0.05" (1.27)	26M8427	7.75	

(5918)

CONTROLLED-OUTPUT SOLDERING IRONS



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	83.97	
W60P-3*	60	120	35F3320	90.96	
W100PG	100	120	33F349	68.39	
W100P-3*	100	120	35F3330	93.35	
TCP12P	—	12-14	34F1033	125.57	

*Complete with 3-wire cord (5900)

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	
		1-4	
WM120	33F350	44.55	

(5898)

HEAVY-DUTY SOLDERING IRONS



SP120

Mfg. part no. SP120 soldering iron is 11 1/4" (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	
			1-4	
SP120	Heavy-Duty Soldering Iron with MTG30 Tip	33F113	55.33	
SP175	Heavy-Duty Soldering Iron with MTG40 Tip	33F114	68.57	

REPLACEMENT SOLDERING TIPS

MTG30	1/2" Chisel Tip	26M8282	12.69
MTG40	5/8" Chisel Tip	33F116	21.72

(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	763.20	

(5995)

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"It's easy to do business with Newark online or by phone."

(116883)

SOLDERING EQUIPMENT

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	868.05

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	66.42

(6528)

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

Weller®



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
			1-4
WASA350	Benchtop Solder Fume and Smoke Absorber	70K9977	62.72

(87073)

WFE2ES SERIES ZERO-SMOG® VOLUME FUME EXTRACTION SYSTEM

Just Added

Weller®

- 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-born 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	65M6647	610.00
WFE2ESKIT	Volume Fume Extraction Station with Accessory Kit	65M6632	775.00

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
0053650681	Fume Extraction Accessory Kit	65M6647	215.15
0053637299	WFAF50 Extraction Arm with 4" Funnel	65M6641	101.38
0053637399	WFAS50 Extraction Arm with 0.75" Flat Nozzle	65M6642	101.38
0053637499	WFAN50 Extraction Arm with 2" Round Nozzle	65M6643	101.38
0058735849	Extraction Arm with Articulated Joint and Airflow Control Valve	65M6653	449.44
0058735327	10-ft. Extraction Hose	65M6649	11.83
0053637899	WFCC50 Exhaust Hood with 39.4" Hose	65M6644	148.69
0053638099	WFDD50 Extraction Plate with 39.4" Hose	65M6646	185.86
0058735845	Metal Exhaust Hood	65M6650	148.69
0053637199	WFFMP50 System Seal	65M6640	30.42
0053637999	WFTB50 Bench Mounting Bracket	65M6645	37.18
0058735879	Extraction Hose Clamps — Sold in Pkg. of 2	71M0008	10.14
0058735884	F5-Grade Fine Dust Filters — Sold in Pkg. of 10	71M0009	42.24
0058735885	F7-Grade Fine Dust Filters — Sold in Pkg. of 10	71M0010	67.59
0058762701	H12-Grade HEPA Filter Cartridge and Wide Band Gas Filter	66M8526	84.48
0058735883	H13-Grade HEPA Filter Cartridge and Wide Band Gas Filter	66M8523	371.72

(105244)

SOLDERING IRON HOLDERS

Weller®

- 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	29.56
8000	33F687	20.96

(5836)

SOLDERING TOOL STANDS

Weller®



PH60

PH100

PH25

Mfg. Part No.	For Irons	Barrel Dia.	Stock No.	Price Each
				1-4
PH60	W60, WP25	1 1/2"	35F3347	28.16
PH100	W100	1 9/32"	35F3345	17.75
PH25	WP25, WP40	1 1/2"	33F106	23.42

(5903)

CORDLESS BATTERY-POWERED SOLDERING IRONS

Weller®

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



BP645MP

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. BP860MP 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/Lo) red and green LED indicators.

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
BP645MP	6W, 900°F Battery-Powered Soldering Iron	66K5744	16.83
BP860MP	Dual-Power 8W/11W, 850°/950°F Pro Series Battery-Powered Soldering Iron	31M1193	22.85

(87074)

COLDHEAT™ PRO CORDLESS SOLDERING TOOL

Weller®

- Professional-grade
- Lightweight, portable, battery powered
- Heats instantly, cools quickly
- High/Low/Off power switch
- Bright white LED work light
- Red "in use" indicator light
- Built tough for field use



Designed for the serious hobbyist and industrial professional, the ColdHeat™ Pro soldering tool is perfect for small or large jobs and goes anywhere field soldering is required. Using the patented ColdHeat™ system, solder melts instantly and is cool to the touch in seconds. Preheating the tip is not required because when the tip's two electrodes make simultaneous contact with an electrically conductive material, such as wire lead, terminal or solder, the circuit is completed. Average yield of 700+ solder joints per set of batteries for long operating life. Using mfg. part no. CHT3 61° angled chisel tip (included) tin wire to 18-24 gauge on low power and to 12-18 gauge on high power. Comes complete with protective cap and storage case. Powered by 5 AA alkaline batteries (not included). Replacement tips are available; *go online or call*.

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
CHT100	ColdHeat Pro Cordless Soldering Tool	68K9932	44.23

(87075)

SOLDERING EQUIPMENT

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	
			1-4	5-24
P2C	Portasol®, Self Igniting, Pro-Piezo, Carded	18C1874	42.20	
P2KC	Portasol®, Kit, Self Igniting, Pro-Piezo, Carded	18C1875	67.03	

TIPS

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	5-24
PPT1	Single Flat Tip, 1/32"	18C1861	10.31	
PPT2	Single Flat Tip, 3/32"	18C1866	10.31	
PPT5	Double Flat Tip, 1/32"	18C1869	10.31	
PPT6	Double Flat Tip, 3/32"	18C1870	10.31	

(66372)

PYROPEN® CORDLESS BUTANE SOLDERING IRONS



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	
		1-4	5-24
WSTA3	89F3425	146.42	
WPA-2	50F801	160.71	
WSTA6	26H7371	69.70	
WST-2	50F802	117.85	

(5901)

PORTASOL® SELF-IGNITING SOLDERING TOOL KIT



PSI100K

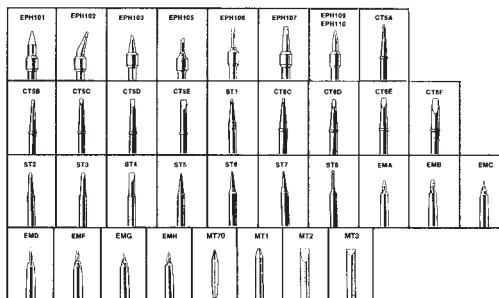
- Ideal for Soldering, Heat Shrink or Cutting Rope
- Cordless, Self-Igniting Butane Tool Runs for 2 Hours on Full Tank
- Auto Safety Shut-Off Switch on Cap
- Temperature is Adjustable Up to 1076°F

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

Mfg. Part No.	Desc.	Stock No.	Price Each	
			1-4	5-24
PSI100K	Kit	92F5085	87.47	
PSI100C	Iron Only	09B9912	66.49	

(5853)

SOLDERING IRON TIPS



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	5.01	4.80
● MT2	Screwdriver Marksman®	0.125" (3.18)	33F994	5.01	4.80
● MT3	Chisel Marksman®	0.125" (3.18)	33F995	5.01	4.80

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	5.15	4.93
● CT5A8	0.063" (1.60)	800°	35F2566	5.15	4.93
● CT5B8	0.094" (2.39)	800°	26M8255	5.13	4.91
● CT5C7	0.125" (3.18)	700°	26M8256	5.15	4.93
● CT5C8	0.125" (3.18)	800°	35F2572	5.15	4.93
● CT5D7	0.188" (4.78)	700°	35F2574	4.97	4.77
● CT5D8	0.188" (4.78)	800°	26M8257	5.15	4.93
● CT5E8	0.250" (6.35)	800°	35F2578	5.15	4.93

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	7.38	7.07
● CT6C8	0.125" (3.18)	800°	35F2581	7.38	7.07
● CT6D6	0.188" (4.78)	600°	35F2582	7.38	7.07
● CT6D7	0.188" (4.78)	700°	35F2583	7.10	6.81
● CT6D8	0.188" (4.78)	800°	35F2584	7.38	7.07
● CT6E7	0.250" (6.35)	700°	26M8259	7.38	7.07
● CT6E8	0.250" (6.35)	800°	35F2587	7.38	7.07
● CT6F6	0.375" (9.53)	600°	35F2588	7.16	6.87
● CT6F7	0.375" (9.53)	700°	35F3331	7.38	7.07
● CT6F8	0.375" (9.53)	800°	35F3332	7.38	7.07

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	15.93	15.27
● EMH	Chisel	0.031" (0.79)	50F1824	16.11	15.44

"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	4.49	4.30
● EPH106	Screwdriver	0.063" (1.60)	26M8265	6.60	6.33
● EPH109	Conical	0.031" (0.79)	26M8266	4.49	4.30
● EPH110	Conical	0.062" (1.60)	90F8302	4.49	4.30
● EPH112	Long Micropoint	0.015" (0.40)	95F3732	5.32	5.10

ST SERIES TIPS FOR WP25, WP30 AND WP35 IRONS

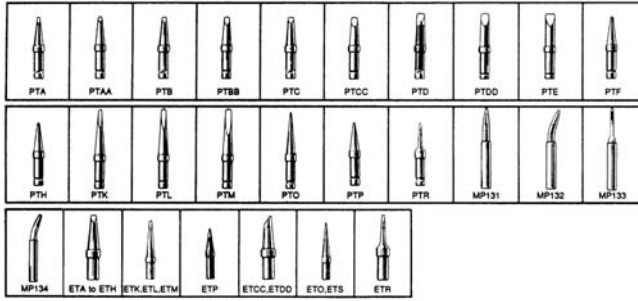
Precision ground copper tips are plated with iron, nickel and chromium.

● ST-1	Screwdriver	0.063" (1.60)	26M8312	4.06	3.89
● ST-2	Screwdriver	0.094" (2.39)	33F177	4.06	3.89
● ST-3	Screwdriver	0.125" (3.18)	33F178	4.06	3.89
● ST-4	Screwdriver	0.188" (4.78)	34F1025	4.06	3.89
● ST-5	Single Flat	0.031" (0.79)	34F1026	4.06	3.89
● ST-6	Screwdriver	0.031" (0.79)	34F1027	4.04	3.87
● ST-7	Conical	0.031" (0.79)	26M8313	4.06	3.89
● ST-8	Narrow Screwdriver	0.063" (1.60)	34F1029	4.06	3.89

(5915)

SOLDERING EQUIPMENT

SOLDERING TIPS



PT SERIES TIPS FOR WTCPT STATIONS

Mfg. Part No.	Tip Style	Tip Size	Temp.	Stock No.	Price Each	
					1-4	5-24
● PTAA6	Screwdriver	0.063" (1.5)	600°F	35F2525	3.94	3.76
● PTAA7			700°F	35F2526	3.94	3.76
● PTAA8			800°F	35F2527	3.94	3.76
● PTAA7	Single Flat	0.063" (1.5)	700°F	35F3312	3.94	3.76
● PTAA8			800°F	35F3357	3.94	3.76
● PTB7	Screwdriver	0.094" (2.4)	700°F	26M8292	3.94	3.76
● PTB8			800°F	35F2531	3.94	3.76
● PTBB7	Single Flat	0.094" (2.4)	700°F	26M8291	3.85	3.67
● PTBB8			800°F	35F2555	3.94	3.76
● PTC7	Screwdriver	0.125" (3.0)	700°F	35F2534	3.94	3.76
● PTC8			800°F	26M8293	3.94	3.76
● PTC7	Single Flat	0.125" (3.0)	700°F	35F2558	3.94	3.76
● PTC8			800°F	35F2559	3.94	3.76
● PTD7	Screwdriver	0.188" (4.7)	700°F	35F2538	3.94	3.76
● PTD8			800°F	35F2539	3.94	3.76
● PTE8	Screwdriver	0.234" (6.0)	700°F	35F3363	3.94	3.76
● PTF7			800°F	35F3359	3.94	3.76
● PTF7	Conical Flat	0.031" (0.8)	700°F	35F3359	3.94	3.76
● PTF8			800°F	35F3360	3.94	3.76
● PTH6	Screwdriver	0.031" (0.8)	600°F	35F2541	3.94	3.76
● PTH7			700°F	35F2542	3.94	3.76
● PTH8			800°F	26M8296	3.94	3.76
● PTK7	Long Screwdriver	0.047" (1.2)	700°F	26M8297	3.94	3.76
● PTK8			800°F	35F2547	3.94	3.76
● PTL7	Long Screwdriver	0.078" (2.0)	700°F	35F2550	3.94	3.76
● PTL8			800°F	35F2551	3.94	3.76
● PTM7	Long Screwdriver	0.125" (3.0)	700°F	26M8298	3.94	3.76
● PTM8			800°F	26M8299	3.94	3.76
● PT07	Long Conical	0.031" (0.8)	700°F	51F3535	3.94	3.76
● PT08			800°F	98F789	3.94	3.76
● PTP7	Conical	0.031" (0.8)	700°F	26M8301	3.94	3.76
● PTP8			800°F	35F3356	3.94	3.76
● PTR7	Narrow Screwdriver	0.063" (1.5)	700°F	26M8302	3.94	3.76
● PTR8			800°F	90F8304	3.94	3.76
● PTS7	Long Conical	0.016" (0.4)	700°F	90F8306	3.94	3.76
● PTS8			800°F	90F8307	3.94	3.76

ET SERIES TIPS FOR EC1201/1201AFE IRONS

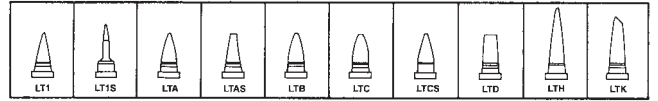
Mfg. Part No.	Tip Style	Tip Size	Stock No.	Price Each	
				1-4	5-24
● ETA	Screwdriver	0.063" (1.5)	33F1818	4.37	4.17
● ETB	Screwdriver	0.094" (2.4)	33F1819	4.37	4.17
● ETC	Screwdriver	0.125" (3.0)	26M8267	4.37	4.17
● ETD	Screwdriver	0.188" (4.7)	33F1821	4.37	4.17
● ETH	Screwdriver	0.031" (0.8)	33F1822	4.37	4.17
● ETP	Conical	0.031" (0.8)	33F1826	4.37	4.17
● ETCC	Single Flat	0.125" (3.0)	90F8308	4.37	4.17
● ETDD	Single Flat	0.188" (4.7)	90F8309	4.36	4.16
● ETO	Long Conical	0.031" (0.8)	33F1825	4.37	4.17
● ETS	Long Conical	0.016" (0.4)	51F3536	4.37	4.17
● ETK	Long Screwdriver	0.047" (1.2)	26M8268	4.37	4.17
● ETL	Long Screwdriver	0.078" (2.0)	26M8269	4.37	4.17
● ETM	Long Screwdriver	0.125" (3.0)	90F8310	4.37	4.17
● ETR	Narrow Screwdriver	0.063" (1.5)	26M8270	4.37	4.17

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	8.04	7.67
● MP133	Single Flat 40°	0.031" (0.8)	33F1658	8.04	7.67

(5916)

LT SERIES SOLDERING TIPS



- 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 2016-2017.

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
● LT1	0.010"W x 0.43"L Reach Round	83F4100	6.98
● LT1L	0.008"W x 0.98"L Reach Round	17C6588	6.98
● LTL	0.008"W x 0.98"L Reach Round	17C6585	6.98
● LT1S	0.008"W x 0.53"L Reach Round	83F4101	6.98
● LT1SLX	0.012"W x 0.076"L Reach Round	07C8835	6.98
● LTS	0.016"W x 0.79"L Reach Round	17C6587	7.18
● LTAS	0.063"W x 0.38"L Reach Round	83F4103	6.98
● LTC5	0.126"W x 0.43"L Reach Round	83F4106	6.98
● LT1LX	0.008"W x 0.98"L Reach Bent Round	17C6589	6.98
● LT1X	0.016"W x 0.37"L Reach Bent Round	17C6590	6.98
● LTH	0.031"W x 0.43"L Reach Chisel	83F4109	6.98
● LTK	0.047"W x 0.73"L Reach Chisel	83F4110	6.98
● LTA	0.063"W x 0.38"L Reach Chisel	83F4102	6.98
● LTB	0.094"W x 0.43"L Reach Chisel	83F4104	6.98
● LTC	0.126"W x 0.43"L Reach Chisel	83F4105	6.98
● LTM	0.126"W x 0.79"L Reach Chisel	17C6586	6.98
● LTD	0.181"W x 0.43"L Reach Chisel	83F4107	6.98
● LTAX	0.047"W x 0.59"L Reach Bent Chisel	26M8278	6.98
● LTAX	0.063"W x 0.50"L Reach Bent Chisel	17C6582	6.98
● LTKN	0.059"W x 0.73"L Reach Knife	17C6584	6.98
● LTF	0.047"W x 0.43"L Reach Single Flat	01C0658	6.98
● LTSMT01	0.41"W x 0.28"L Reach SMT Blade	31H9788	124.70
● LTSMT02	0.62"W x 0.28"L Reach SMT Blade	31H9789	138.97
● LTSMT03	0.82"W x 0.28"L Reach SMT Blade	31H9790	150.02

(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

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. Order mfg. part no. 0051382499 2-pack of replacement metal wool balls separately below.

Mfg. Part No.	Description	Stock No.	Price Each
			1-9
WDC.	Free-Standing Soldering Tip Dry Cleaner	19M0543	26.26
0051382499	Replacement Metal Wools — Sold in Pkg. of 2	05M3451	5.00

(89588)

VACUUM PICK-UP PEN



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	59.03

(48785)

SOLDERING EQUIPMENT • SOLDERING ACCESSORIES

DP SERIES
DESOLDERING PUMPS



- 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
			1-4
● DP-140	Compact Desoldering Pump 8" Long	90B0556	15.03
● DP-100	High-Vacuum Desoldering Pump, 13" Long	16F043	23.82
● DP-200	High-Vacuum Desoldering Pump, ESD Safe, 13" Long	16F044	30.17
● DPT-100	1 Replacement Tip for Mfg. Part Nos. DP-100/DP-140	16F045	3.81
● DPT-200	1 Replacement Tip for Mfg. Part No. DP-200	16F046	6.35

(5970)

DESOLDERING PUMPS

Just Added



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



SD01154

Mfg. Type No.	Description	Stock No.	Price Each
			1-99
SD01154	Aluminum Desoldering Pump	01N3629	1.74

(116757)

DESOLDERING PUMPS
AND ACCESSORIES



Pumps remove solder manually. Light-weight, easy to operate.



Mfg. Part No.	Description	Stock No.	Price Each
			1-4
7874B	Desolder Pump, 0.07" Tip, Antistatic	87F682	26.02
7880	Desolder Pump, 0.12" Tip	90F5881	27.16
7881	ESD Desoldering Pump	90F5882	37.29
7875B	Replacement Tip for Mfg. part no. 7874B	32F1009	5.52
● 7883	Replacement Tip for Mfg. part no. 7881	90F5884	9.46

(5911)

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
		1-9
4005	84N1045	6.05

(32971)

7805
DESOLDERING
BULB



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

Mfg. Part No.	Stock No.	Price Each
		1-4
7805	32F975	11.09

(5912)

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	5.63
● 60-BGA-5	BGA	Purple	5	01F196	6.24

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-14256EF, 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	3.63
● 80-2-5	#2	0.060	Yellow	5	95F6235	3.63
● 80-3-5	#3	0.080	Green	5	95F6236	3.92
● 80-4-5	#4	0.110	Blue	5	95F6237	4.21
● 80-6-5	#6	0.210	Red	5	95F6239	4.92
● 80-1-10	#1	0.030	White	10	95F6240	6.37
● 80-2-10	#2	0.060	Yellow	10	95F6241	6.37
● 80-3-10	#3	0.080	Green	10	95F6242	6.78
● 80-4-10	#4	0.110	Blue	10	95F6243	7.49
● 80-5-10	#5	0.145	Brown	10	95F6244	8.38

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-14256EF, Belcore 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	3.92
● 60-2-5	#2	0.060	Yellow	5	95F6246	3.92
● 60-3-5	#3	0.080	Green	5	95F6247	4.06
● 60-4-5	#4	0.110	Blue	5	95F6248	4.63
● 60-5-5	#5	0.145	Brown	5	95F6249	5.08
● 60-6-5	#6	0.210	Red	5	95F6250	5.50
● 60-1-10	#1	0.030	White	10	95F6251	7.08
● 60-2-10	#2	0.060	Yellow	10	95F6252	7.08
● 60-3-10	#3	0.080	Green	10	95F6253	7.49
● 60-4-10	#4	0.110	Blue	10	95F6254	8.38
● 60-5-10	#5	0.145	Brown	10	95F6255	9.23

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	14.14
70-3-25	#3	0.080	Green	25	22C5674	14.84

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	7.95
75-3-10	#3	0.080	Green	10	01E9896	5.90
75-4-10	#4	0.110	Blue	10	30C5773	6.66

(5852)

SOLDERING ACCESSORIES

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	3.54
● 2-25L	0.030" (0.76)	25' (7.62M)	93F6337	15.36
● 2-100L	0.030" (0.76)	100' (30.40M)	96B5623	61.29
● 5-5L	0.050" (1.27)	5' (1.52M)	93F6335	3.54
● 5-25L	0.050" (1.27)	25' (7.62M)	93F9157	15.36
● 5-50L	0.050" (1.27)	50' (15.24M)	93F6334	30.37
● 5-100L	0.050" (1.27)	100' (30.48M)	48F2107	61.29
● 7-25L	0.075" (1.91)	25' (7.62M)	97F7574	15.99
● 7-50L	0.075" (1.91)	50' (15.24M)	96F6876	31.75
● 7-100L	0.075" (1.91)	100' (30.48M)	48F2108	63.57
● 10-5L	0.100" (2.54)	5' (1.52M)	93F9154	3.90
● 7-500L	0.075" (0.76)	500' (152.4M)	23C9012	305.79
● 10-25L	0.100" (2.54)	25' (7.62M)	93F6333	17.03
● 10-50L	0.100" (2.54)	50' (15.24M)	98F6616	34.19
● 10-100L	0.100" (2.54)	100' (30.48M)	93F9160	68.17

(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 is the cleanest no-clean braid in the industry and is approved for lead-free processes. Its proprietary flux formula is specially designed to avoid catastrophic and latent PCB failures caused by ionic flux residue. Pro Wick® desoldering braid is rosin flux coated for the fastest wicking action. Ideal for high-volume PCB production/repair environments. Unfluxed desoldering braid is perfect for use with water-soluble flux and in aqueous processes.



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
						1-9
● 1817-5F	#4	0.098	Blue	5	96C6387	5.27
● 1821-5F	#2	0.055	Yellow	5	68K7291	4.55
● 1821-10F	#2	0.055	Yellow	10	69K7664	8.47
● 1822-5F	#3	0.085	Green	5	23C1275	4.90
● 1822-10F	#3	0.075	Green	10	69K7665	8.59
● 1823-5F	#4	0.098	Blue	5	68K7293	5.27
● 1823-10F	#4	0.098	Blue	10	68K7292	9.25

PRO WICK® DESOLDERING BRAID

● 1802-5F	#2	0.055	Yellow	5	96C6323	3.78
● 1809-10F	#2	0.055	Yellow	10	96C6347	6.83
● 1810-5F	#3	0.075	Green	5	73K2472	3.89
● 1810-10F	#3	0.075	Green	10	68K7289	6.94
● 1811-5F	#4	0.098	Blue	5	68K7290	4.30
● 1811-10F	#4	0.098	Blue	10	72C8241	7.61

UNFLUXED DESOLDERING BRAID

● 1830-10F	#1	0.035	White	10	96C6429	6.25
● 1831-10F	#2	0.055	Yellow	10	96C6431	6.25
● 1832-5F	#3	0.075	Green	5	24C9586	3.98
● 1833-10F	#4	0.098	Blue	10	73C6302	7.18

(85060)

Expert technical support

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

(116882)

PLATO-WICK NO-CLEAN DESOLDERING BRAID



- Fast wicking action
- No post cleaning
- Choice of 5 colors
- Sold in 5' and 10' ESD safe spools



XLNC series no-clean desoldering wick is specifically formulated to improve wicking action and remove solder faster than conventional wick. Any remaining residue is halide-free and nonconductive. Post cleaning is generally not required. Meets Bellcore TR-NWT-000078 and IPC-SF-818 specifications.

5' ESD SPOOLS

Mfg. Part No.	Description	Width (In.)	Stock No.	Price 1-9
● XLNC-2-5	Yellow No-Clean Desoldering Wick	0.060	98H3112	3.35
● XLNC-3-5	Green No-Clean Desoldering Wick	0.085	98H3114	3.54
● XLNC-4-5	Blue No-Clean Desoldering Wick	0.100	98H3116	3.81

10' ESD SPOOLS

● XLNC-1-10	White No-Clean Desoldering Wick	0.030	98H3109	5.99
● XLNC-5-10	Brown No-Clean Desoldering Wick	0.145	98H3117	7.18

(79295)

FLUX-OFF LEAD-FREE FLUX REMOVER



- Engineered for removing high temperature, lead free flux
- Can also be used to remove Tin/Lead fluxes
- Flammable
- Ozone safe
- Evaporates quickly without leaving residue
- RoHS Compliant



ES1697



ES197



ES897B

Mfg. Part No.	Description	Size	Stock No.	Price Each
● ES1697	Flux-Off Lead Free	12 oz. Aerosol	29K6238	18.56
● ES197	Flux-Off Lead Free	1 gal., liquid	29K6239	79.09
● ES897B	BrushClean System	6 oz. Aerosol	29K6240	12.94

(84876)

FLUX-OFF® PRECISION FLUX REMOVERS



Flux-Off® flux removers are formulated to remove all types of rosin (type R, RA, and RMA), no-clean (both rosin and synthetic, type SA), and water-soluble (type OA) flux. Removers available in aerosol, BrushClean™ System and liquid form for benchtop dispenser, vapor degreaser, ultrasonic, and dip tank applications. All aerosol/BrushClean™ products feature the "All-Way" spray valve.



Flux-Off® CZ is an ozone-safe, nonflammable flux remover safe for use on plastics. Washes away types R, RMA, RA, SA, and OA fluxes. Flux-Off® VZ is an economical non-ozone depleting, non-flammable flux remover.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● ES7200	Flux-Off® CZ	12 oz.	00Z1593	62.10
● ES7201	Flux-Off® CZ	1 gal.	00Z1595	710.59
● ES7208B	Flux-Off® CZ BrushClean™	5 oz.	00Z1594	30.73
● ES6200	Flux-Off® VZ	12 oz.	97H7681	27.77

Flux-Off® Rosin is an ozone-safe flux remover that's safe for use on plastics. Washes away rosin and rosin-based no-clean fluxes.

● ES1035	Flux-Off® Rosin	10 oz.	00Z1137	24.96
● ES1035B	Flux-Off® Rosin Brush Clean™	10 oz.	07C8878	25.51
● ES835B	Flux-Off® Rosin Brush Clean™	5 oz.	00Z1472	14.79
● ES135	Flux-Off® Rosin	1 gal.	25C4512	91.20
● ES535	Flux-Off® Rosin	5 gal.	50B9381	309.23

➤ CONTINUED ➤

SOLDERING ACCESSORIES

FLUX-OFF® PRECISION FLUX REMOVERS (CONT.)

Mfg. Part No.	Description	Size	Stock No.	Price Each
				1-4

New and improved Flux-Off® No Clean flux remover removes all types of no-clean encrusted flux. Same great features as original but now without HCFC-141b. Nonflammable, dries fast and leaves no residue. For use in dip or soak tanks and soak tanks. Contains HCFC-225. Test on plastics.

● ES1695	New and Improved Flux-Off® No Clean Flux Remover — Aerosol	12 oz.	97C8419	35.97
● ES895B	New and Improved Flux-Off® No Clean Flux Remover — BrushClean™ System	6 oz.	97C8421	23.51
ES195	New and Improved Flux-Off® No Clean Flux Remover — Liquid	1 gal.	96H0663	530.62

New and improved Flux-Off® No Clean Plus is a powerful cleaner that removes encrusted no-clean and synthetic fluxes from hard-to-reach areas. Ozone safe, dries fast and leaves no residue. For use in dip or soak tanks. Flammable. Test on plastics. Recommended for post-solder operations, PC boards, SMD pads, chip carriers, screen and stencils, heat sinks, sensitive circuit components and more.

● ES1696	New and Improved Flux-Off® No Clean Plus	12 oz.	97C8420	23.42
● ES896B	New and Improved Flux-Off® No Clean Plus BrushClean™	6 oz.	97C8422	15.41

Flux-Off® Water Soluble is an ozone-safe flux remover for cleaning water soluble flux from boards with water sensitive components. Safe to use on plastics. (NOTE: Formerly Flux-Off® II and Flux-Off® NR 2000.)

● ES1530	Flux-Off® Water Soluble	13.5 oz.	00Z1083	20.76
● ES130	Flux-Off® Water Soluble	1 gal.	50B1927	109.96

Flux-Off® Heavy-Duty flux remover removes encrusted rosin and synthetic-based (type SA), nonflammable, no-clean and rosin fluxes. Can also be used to remove uncured epoxy from misprinted boards. Test on plastics.

● ES1631	Flux-Off® Heavy-Duty	12 oz.	00Z1883	57.13
● ES131	Flux-Off® Heavy-Duty	1 gal.	90B4792	749.50
● ES831B	Flux-Off® Heavy-Duty Brush Clean™	5 oz.	93B1630	28.70

Flux-Off® Aqueous cleans water-soluble and no-clean fluxes, and type R, RMA and RA fluxes. Ideal for use in ultrasonics and in-line cleaners.

● ES132	Flux-Off® Aqueous	1 gal.	50B9379	53.75
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(7429)

AUDIO/VIDEO CLEANERS



ES820L ES2400 ES805

Cleans most A/V equipment including: TVs, VCRs, movie cameras and projectors. Also, cleans PC boards, contacts, switches, connectors, and scanner equipment.

Mfg. part no. ES820L, Head Cleaner™ II, effectively removes soils from magnetic and optical heads and disk drives. Safe for use on plastic. Flammable and ozone-safe. Apply to head surfaces with Chamois Tips™ Swab, sold separately.

Mfg. part no. ES2400, Tun-O-Wash® Cleaner, is the original fast-drying cleaner for electromechanical and electronic tuners. Safe for use on plastic. Flammable and ozone-safe.

Mfg. part no. ES805, Label Adhesive Remover, no-drip foaming label adhesive remover safe for use on plastics. It gently removes label adhesive residues. Flammable and ozone safe.

Mfg. Part No.	Description	Size	Stock No.	Price Each
				1-4
● ES820L	Head Cleaner II	8 oz. Liquid	00Z1420	13.78
● ES2400	Tun-O-Wash	12.5 oz. Aerosol	00Z1193	26.55
● ES805	Label Adhesive Remover	6 oz. Foaming Aerosol	00Z1519	15.47
ES1662	Tuner Renu Cleaner Lubricant	12 oz. Aerosol	50B1929	41.74

Mfg. part no. ES1662, Tuner Renu®, is a cleaner lubricant used for displacing moisture and lubricating AV equipment. Nonflammable and safe on plastics. (7423)

CIRCUITWORKS® REPAIR/ PROTOTYPING TOOLS



CircuitWorks® brand's comprehensive line of conveniently packaged and precision dispensing rework and repair products make PC board repair and prototyping faster, easier, and more accurate. All are packaged in unique delivery systems to provide superior performance and pinpoint accuracy. The full range of products meets technicians' needs for electronics rework and prototyping - repairing, cleaning, protecting, lubricating, bonding, and restoring electrical conductivity to PC boards and components. (29681)

(29681)

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	9.92

(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	34.17
● CW2200MTP	Microtip	00Z1498	34.17

(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	26.44
● CW3300G	Green	00Z1868	26.44

(29683)

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	26.75

(73260)

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SOLDERING ACCESSORIES

**CIRCUITWORKS®
FLUX-DISPENSING
PENS**



- 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	10.57	
● CW8200	Rosin Pen	00Z1871	10.20	

(29685)

**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
● S200	Circuit Works™ Lead-Free Pocket Solder	3.18 m	29K6235	18.52

(84877)

**CIRCUITWORKS® HEAT
SINK GREASE**



- 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	21.55

(73262)

SMT STENCIL CLEANERS



Mfg. part no. 1608-100DSP: Isopropyl alcohol and water based, designed for the removal of inks, pastes and other contaminants that may arise in the SMT process. **Mfg. part no. 1693-100DSP:** hydrocarbon-based cleaner, effectively removes solder paste from screens, misprinted boards and equipment. **Mfg. part no. 1610-100DSP:** is ideal for tape head cleaning, removal of fluxes, light oils, soils, and white mineral residue. **Mfg. part no. 2358-50:** part of the TechClean™ series, is a cellular based foam structure that traps particulates and liquids. All products are safe on plastic and non-ozone depleting.



1608-100DSP

Mfg. Part No.	Description	Stock No.	Price Each
● 1608-100DSP	SMT Stencil Wipes, 100 Wipes	68K7278	20.28
● 1693-100DSP	SMT Stencil Cleaner Wipes, 100 Wipes	25C4189	30.36
● 1610-100DSP	Isopropyl Alcohol Wipes, 100 Wipes	25C4466	28.73
● 2358-50	Techclean SMT Cleaning Wipes, 50 Wipes	68K7383	48.65

(86656)

**WATER-BASED SMT
STENCIL CLEANER**



Trigger Spray, pint



Gallon Container



100 Pre-Saturated Wipes

- Completely removes pastes and adhesives
- Effective on fine-pitch aperture stencils
- IPA-Free
- Non-flammable
- Low VOC - 223 g/l (vs. IPA at 1000 g/l)
- Non-Hazardous
- Biodegradable
- Safe on metal parts and plastics
- Mild odor

This proprietary water-based stencil cleaner, powered by Zestron, is powerful enough for both wet and dry paste and uncured adhesives. It is perfect for automatic underside stencil cleaning.

Mfg. Part No.	Description	Stock No.	Price Each
● 1692-PT	Water-Based SMT Stencil Cleaner, 16 oz. Trigger Spray	69K5885	17.19
● 1692-G	Water-Based SMT Stencil Cleaner, 1 gallon	69K5884	76.26
● 1692-100DSP	Water-Based SMT Stencil Cleaner, 100 Pre-Saturated Wipes in Pop-up Container	69K5886	28.79

(85859)

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	16.06
● 2204-G	Wondermask® WSOL Water-Soluble Solder Mask	1 gal.+	06H2869	156.70
● 2205-8SQ	Wondermask® W Water-Washable Solder Mask	8 oz.*	96C6528	11.14
● 2211-8SQ	Wondermask® P Peelable Solder Mask	8 oz.*	96C6530	12.73
● 2211-G	Wondermask® P Peelable Solder Mask	1 gal.+	96C6529	109.34
● 2211-5G	Wondermask® P Peelable Solder Mask	5 gal.+	10J6933	369.79
● 2218-8SQ	Wondermask® PL Latex Peelable Solder Mask	8 oz.*	96C6532	11.07

*Squeeze Bottle; + Plastic Container (73838)

HEAT SINK COMPOUNDS



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	17.04
● 1978-DP	Silicone Free Heat Sink	4 oz. Tube	68K7301	24.98

(79384)

SOLDERING ACCESSORIES

CHEMASK® SOLDER MASKING AGENTS



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	18.90
● CM1	Chemask®	1 gal.	88F5767	190.88

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	23.77
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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	24.74
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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	18.92
● CLF1	Chemask® LF	1 gal.	29K6244	162.96

(47975)

CIRCUITWORKS® LEAD-FREE FLUX DISPENSING PEN



- 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
● CW8400	CircuitWorks® Lead-Free Flux Dispensing Pen, 9 g	29K6229	8.97

(84789)

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	47.27
● 24-7068-1401	96.5/3/0.5 Sn/Ag/Cu	0.020	25	1	19K8814	59.76
● 24-7068-1402	96.5/3/0.5 Sn/Ag/Cu	0.031	21	1	70J9056	49.89

➔ CONTINUED ➔

48 ROSIN ACTIVATED LEAD FREE STANDARD CORE WIRE SOLDER (CONT.)

Mfg. Part No.	Alloy	Diameter (in.)	Gauge	Weight (lbs.)	Stock No.	Price Each
● 24-7068-1404	96.5/3/0.5 Sn/Ag/Cu	0.050	18	1	33K3963	49.51
● 24-7068-1406	96.5/3/0.5 Sn/Ag/Cu	0.025	23	1	33K3952	45.46

(84351)

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	55.49
● 24-7068-7603	96.5/3/0.5 Sn/Ag/Cu	0.020	25	1	72J6990	58.36
● 24-7068-7606	96.5/3/0.5 Sn/Ag/Cu	0.050	18	1	33K3799	54.44
● 24-7068-7607	96.5/3/0.5 Sn/Ag/Cu	0.062	16	1	33K3950	44.91
● 24-7068-7617	96.5/3/0.5 Sn/Ag/Cu	0.025	23	1	08J4198	45.50

(84352)

331 WATER-SOLUBLE LEAD FREE ORGANIC CORE WIRE SOLDER



- 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	50.76
● 24-7068-6403	96.5/3/0.5 Sn/Ag/Cu	0.031	21	1	07J1570	53.18
● 24-7068-6409	96.5/3/0.5 Sn/Ag/Cu	0.050	18	1	64J7653	36.38
● 24-7068-6411	96.5/3/0.5 Sn/Ag/Cu	0.062	16	1	33K3961	50.40
● 24-7068-6417	96.5/3/0.5 Sn/Ag/Cu	0.025	23	1	08J4197	59.43

(84353)

44 SERIES RA ROSIN CORE SOLDER



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	43.97
24-6337-0010	63/37	0.020	25	1 lb.	93B8307	38.26
24-6337-0027	63/37	0.031	21	1 lb.	34C5655	31.92
24-6337-0053	63/37	0.050	18	1 lb.	34C5657	32.43
24-6337-0061	63/37	0.062	16	1 lb.	34C5658	36.59
24-6040-0010	60/40	0.020	25	1 lb.	34C5647	39.93
24-6040-0018 1LB	60/40	0.025	23	1 lb.	26C0450	31.68
24-6040-0027	60/40	0.031	21	1 lb.	34C5648	33.42
24-6040-0039	60/40	0.040	19	1 lb.	34C5649	32.11
24-6040-0053	60/40	0.050	18	1 lb.	34C5650	30.15
24-6040-0061	60/40	0.062	16	1 lb.	34C5651	26.23

➔ CONTINUED ➔

SOLDERING ACCESSORIES

44 SERIES RA ROSIN CORE SOLDER (CONT.)

Mfg. Part No.	Alloy	Diameter (in.)	Gauge	Spool Weight	Stock No.	Price Each	
						1-4	
24-6040-0066	60/40	0.093	13	1 lb.	34C5652		27.38
24-7150-0018	62/36/2ag	0.025	23	1 lb.	34C5668		72.56
24-7150-0053	62/36/2ag	0.050	18	1 lb.	34C5669		63.75
23-6040-0018	60/40	0.025	23	½ lb.	00Z1345		8.82
23-6337-0018	63/37	0.025	23	½ lb.	00Z1348		9.99
23-6337-0007	63/37	0.015	38	½ lb.	00Z1349		16.97

(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	
						1-4	
24-6337-6422	63/37	0.015	28	1 lb.	34C5659		48.67
24-6337-6417	63/37	0.025	23	1 lb.	12C0490		25.70
24-6337-6403	63/37	0.031	21	1 lb.	00Z879		33.77
24-6337-6411	63/37	0.062	16	1 lb.	00Z877		32.81
24-6040-6403	60/40	0.031	21	1 lb.	00Z878		38.59
24-6040-6411	60/40	0.062	16	1 lb.	00Z876		42.33

(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	
						1-4	
24-6337-9703	63/37	0.015	28	3	34C5666		48.45
24-6337-9702	63/37	0.020	25	3	90B5872		43.20
24-6337-9718	63/37	0.025	23	3	34C5667		29.64
24-6337-9713	63/37	0.031	21	2	50B4544		37.95
24-6337-9710	63/37	0.031	21	3	00Z875		28.46

(68903)

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.



Mfg. Part No.	Alloy	Diameter (in.)	Gauge	Flux (%)	Stock No.	Price Each	
						1-4	
24-6337-8806	63/37	0.015	28	1	34C5662		48.11
24-6337-8807	63/37	0.020	25	1	00Z1222		41.55
24-6337-8834	63/37	0.020	25	2	34C5665		36.55
24-6337-8809	63/37	0.025	23	1	01C6854		33.13
24-6337-8800	63/37	0.031	21	1	00Z1122		31.35
24-6337-8801	63/37	0.031	21	2	34C5661		29.85
24-6337-8802	63/37	0.031	21	3	27C3665		30.01
24-6337-8813	63/37	0.040	19	1	34C5663		30.88
24-6337-8814	63/37	0.050	18	1	34C5664		27.50
24-6337-8817	63/37	0.062	16	1	92B5994		32.35
23-6337-8806*	63/37	0.015	28	1	00Z1351		16.99

*Spool weight ½ lb. (68904)

LEAD-FREE "275" NO-CLEAN CORE SOLDER



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		98.68
● 24-7068-7602	SN 96.5/3.0 Ag/3.0 Cu	0.020	25	1 lb.	07J1573		120.37

(68907)

ULTRAPURE® LEAD-FREE SOLDER BAR



Made by a special process which controls the inclusion of oxides and metallic and non-metallic impurities, the Ultrapure® bar ensures faster wetting. The unique shape differentiates it from leaded bars, which reduces operator error when dual systems are used. The Ultrapure® 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		102.51

(68777)

1-POUND EXTRUDED BAR SOLDER



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		43.67
04-6337-0000	63/37	SN63PB37 E-Bar	34C5645		52.93
04-6337-0050	63/37	SN63PB37 Ultrapure	90B7841		47.22

(68908)

LEAD-FREE CORED WIRE SOLDER



511™

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™ 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	36.02
● MM01955	SAC305 C511 3C	0.81	1 lb.	42K3275	56.97
● MM01951	SAC305 C511 3C	1.63	1 lb.	32M7028	55.67

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.

Mfg. Part No.	Description	Diameter (mm)	Reel Quantity	Stock No.	Price Each
● MM02253	SAC305 HX 3C	0.38	1 lb.	32M7030	36.02
● MM01950	SAC305 HX 3C	0.81	1 lb.	70K9447	56.97
● MM01947	SAC305 HX 3C	1.63	1 lb.	32M7027	45.46

(90466)

SYRINGE DISPENSABLE SOLDER PASTE

Just Added



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	
			1-4	
55-3343-1103	EM900 Lead-Free, No-Clean	06M6735		31.38
55-3343-1107	EM900 Lead-Free, No-Clean	94M4800		72.38
57-3903-5403	R276 No-Clean	12C2307		45.85
57-3901-5403	R276 No-Clean	18C3927		28.96
57-3903-5407	R276 No-Clean	37J1045		113.74
57-3901-5407	R276 No-Clean	42H5439		65.50

➔ CONTINUED ➔

SOLDERING ACCESSORIES

SYRINGE DISPENSABLE SOLDER PASTE (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
57-3043-5403	R276 No-Clean	96K5726	31.38	
57-3901-5607	R500 Water Soluble	07C0872	65.50	
57-3901-5603	R500 Water Soluble	29C6484	28.96	
57-3543-5903	R505 High-Temperature, Water Soluble	08J5566	31.38	

(116813)

TIN-LEAD CORED WIRE SOLDER

Tin-lead cored wire features multiple flux cores technology to provide even and consistent distribution of flux throughout the solder wire. This reliability makes this solder wire ideal for automated wire soldering processes.



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	63/37 C400 5C 0.032"	0.81	1 lb.	72C1198	27.88
MM01000	63/37 C400 5C 0.015"	0.38	0.5 lb.	72C1197	16.18

502™ NO-CLEAN, CLEAR RESIDUE, MEDIUM-ACTIVITY CORED WIRE SOLDER
502™ Sn63/Pb37-cored wire flux offers good wetting on difficult substrates. IPC Class: ROM1.

Mfg. Part No.	Description	Diameter (mm)	Reel Quantity	Stock No.	Price Each
MM01062	Sn63/Pb37 C502 3C 1.63mm	1.63	1 lb.	32M7026	26.34
MM00973	63/37 C502 3C 0.032"	0.81	1 lb.	67C1221	27.88
MM00975	Sn63/Pb37 C502 3C 0.56mm	0.56	1 lb.	32M7025	30.91

HYDRO-X™ HIGH-ACTIVITY, WATER WASHABLE CORED WIRE SOLDER
HYDRO-X™ Sn60/Pb40-cored wire flux offers excellent wetting on difficult substrates. IPC Class: ORH1.

Mfg. Part No.	Description	Diameter (mm)	Reel Quantity	Stock No.	Price Each
MM01076	60/40 HX 3C 1.22mm	1.22	1 lb.	82H2604	21.46
MM00989	60/40 HX 3C 0.81mm	0.81	1 lb.	72C1196	27.88
MM00991	60/40 HX 3C 0.56mm	0.56	1 lb.	42J6191	15.46

HMP HIGH-MELTING POINT SOLDER (574°F) W/366
5% tin, 93.5% lead, 1.5% silver with activated rosin.

Mfg. Part No.	Description	Diameter (mm)	Reel Quantity	Stock No.	Price Each
MM01007	HMP 366 5C 0.050"	1.22	1 lb.	72C1200	28.51
MM01006	HMP 366 5C 0.022"	0.56	1 lb.	72C1199	18.35

(10020)

ROSIN-ACTIVATED SOLDER

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 (Inch)	Alloy Content Tin/Lead	Weight (lb)	Stock No.	Price Each	
						1-4	
SPC22126	21	0.031	60/40 Sn/Pb	1	20M4920	17.81	
SPC22129	16	0.062	60/40 Sn/Pb	1	20M4923	16.23	
SPC22132	21	0.031	63/37 Sn/Pb	1	20M4926	20.82	
SPC22128	18	0.05	60/40 Sn/Pb	1	20M4922	15.80	
SPC22127	19	0.04	60/40 Sn/Pb	1	20M4921	15.91	
SPC22130	25	0.02	63/37 Sn/Pb	1	20M4924	25.09	
SPC22131	23	0.025	63/37 Sn/Pb	1	20M4925	17.25	
SPC22133	19	0.04	63/37 Sn/Pb	1	20M4927	16.34	
SPC22135	16	0.062	63/37 Sn/Pb	1	20M4929	16.00	
SPC22124	21	0.031	60/40 Sn/Pb	0.5	20M4918	16.03	
SPC22125	23	0.025	63/37 Sn/Pb	0.5	20M4919	17.25	
SPC22123	23	0.025	60/40 Sn/Pb	0.5	20M4917	16.82	
SPC22134	18	0.05	63/37 Sn/Pb	1	20M4928	16.23	

WATER SOLUBLE SOLDER, 3.3% FLUX

SPC22136	21	0.031	60/40 Sn/Pb	1	20M4930	17.41	
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MILDLY ACTIVE SOLDER, 3.3% FLUX

SPC22138	21	0.031	63/37 Sn/Pb	1	20M4932	20.82	
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NO-CLEAN SOLDER, 1.1% FLUX

SPC22139	21	0.031	63/37 Sn/Pb	1	20M4933	17.72	
SPC22140	25	0.02	63/37 Sn/Pb	1	20M4934	21.20	

(19328)

DISPENSER PACK



- No-Clean Solder
- Convenient Size, Fits in Tool Box or Pocket
- All of the parts have Outer Diameter of 0.32"



SPC22157

Mfg. Type No.	Solder Alloy	Weight	Stock No.	Price Each
SPC22157	96.5/3/0.5 Sn/Ag/Cu	0.375	20M4951	2.89
SPC22158	63/37 Sn/Pb	0.438	20M4952	1.70
SPC22159	60/40 Sn/Pb	0.438	20M4953	1.70

(89765)

LIQUID FLUX FOR LEAD-FREE SOLDERING



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	41.11	

(85763)

LIQUID FLUXES



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
63-0000-1544	1544 RA	1	34C5674	54.09
64-0000-1544	1544 RA	5	19K4583	222.94
63-0000-0104	104 Flux Thinner	1	34C5670	52.17
64-0000-0104	104 Flux Thinner	5	19K4580	195.62

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 Soluable	1	00Z1111	54.92	
63-0000-2235	2235 Water Soluable	1	34C5675	52.46	
64-0000-2235	2235 Water Soluable	5	19K4584	179.58	

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	48.05	
63-0000-0977	977 VOC-Free No-Clean	1	34C5673	44.32	

(68905)

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(116880)

SOLDERING ACCESSORIES • SOLDERING EQUIPMENT

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	
			1-4	
● M00359	X-33 - 08i Rosin-Free Liquid Flux	35C0553	44.32	

HYDRO-X20™ WATER-SOLUBLE LIQUID FLUX

Formulated for use on electronic assemblies designed for water cleaning. Highly water-soluble solder residues eliminates CFC usage. No penetration of properly cured solder resists. Leaves boards very clean with no white residues after washing. **Sold in 1 gallon containers.**

● M00274	HYDRO-X20™ Water-Soluble Liquid Flux	35C0550	50.00	
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MF300™ NO-CLEAN, VOC-FREE LIQUID FLUX

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

● M00469	MF300™ No-Clean, VOC-Free Liquid Flux	32M7031	60.24	
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(68859)

FLUX AND LIQUID DISPENSERS



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	
				1-9	
● FD-2	Dispenser for Rosin Flux	0.020	98H2694	2.53	
● FD-21	Dispenser for Water Sol. Flux	0.010	98H2695	2.53	
● SF-01	Dispenser for Water Sol. Flux, ESD Safe	0.010	98H2888	8.26	
● SF-02	Dispenser for Rosin Flux, ESD Safe	0.020	98H2889	8.26	

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	
			1-9	
● BC-250	8oz. Liquid Dispensing Bottle	72K7274	6.13	
● SF-250	BC-250 bottle encased in permanently static dissipative plastic	98H2891	13.05	
● SF-B2HS	2oz. Polyethylene Bottle with Soft Horse Bristle Brush	98H2887	13.46	
● SF-B2HH	2oz. Polyethylene Bottle with Medium Hog Bristle Brush	98H2886	14.82	
● SF-1601	16oz. Bottle and spout	98H2890	10.88	

(79292)

World-class website

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- Real-time availability
- Complete order history

(116879)

ESD-SAFE FLUX DISPENSERS



146-0001, 146-0010



Just Added

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

Mfg. Part No.	Description	Capacity (oz.)	Stock No.	Price Each	
				1-24	
146-0001	26 Gauge Flux Dispenser	2	74M8402	12.42	
146-0010	20 Gauge Flux Dispenser	2	74M8403	12.42	
146-0017	Flux Dispenser with Pen Tip	2	74M8407	12.42	
146-0016	Flux Dispenser with Brush Tip	2	74M8406	14.61	

ACCESSORY

146-0018	Spare Brush Tips for Mfg. Part No. 146-0016 — Pkg. of 5	74M5991	7.64	
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FLUX DISPENSERS



2 oz. squeeze-bottle flux dispensers have stainless steel needles.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
FD2	Dispenser w/.020" x 1.0" Needle	50F176	3.10	
FD3	Dispenser w/.008", .020" and .050" x 1.0" Needles	50F3977	3.56	
FD2D	ESD Dispenser w/.020 x 1.0" Needle	50F3981	3.98	
FD21D	ESD Dispenser w/.008 x 1.0" Needle	50F3982	3.98	

(6742)

SCRUB-IT™ SOLVENT DISPENSERS



Distribute solvent through brush. mfg. part no. SD-74 has nylon bristles; mfg. part no. SD74H has horsehair bristles for antistatic applications.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
SD74	Solvent Dispenser with Nylon Bristles	50F177	11.20	
SD-74H	Solvent Dispenser with Horsehair Bristles	50F3994	11.20	

(6743)

ESD-SAFE SOLVENT DISPENSERS



Just Added

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

Mfg. Part No.	Capacity (oz.)	Stock No.	Price Each	
			1-24	
146-0041	4	74M8409	21.34	
146-0011	6	74M8404	21.34	
146-0012	8	74M8405	21.34	

(116625)

SOLDERING ACCESSORIES

FLUX PENS



Mfg. Part No.	Description	Stock No.	Price Each
● 83-1097-2331	Water-Soluble	00Z1356	5.92

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	6.02
● M293319	MF-X33S-07I Mini-Fluxer No-Clean Flux	49C9066	5.74
● M293321	Prozone Non-CFC Flux Cleaner	70C5164	5.73

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	125.75
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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	15.74
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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	22.98
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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	5.60
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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	32.25

(85860)

BONKOTE RE-USABLE FLUX DISPENSING PENS



BON-102

BONKOTE

- 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	Stock No.	Price Each
BON-102	Small Fine Point	...	50H7622	82.83
BON-102D	Broad Spade Tip	...	50H7623	94.78
BON-102L	Large Fine Point	...	50H7624	142.56
BR-102	Replacement Tip	.17 x .55"	50H7625	55.77
BR-102D	Replacement Tip	.26 x .55"	50H7627	67.72
CA-102	Replacement Cartridge	...	50H7630	27.06

(75431)

SOLDERING TIP POLISHING BAR



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
● AB-3	Soldering Tip Polishing Bar	98H2519	13.12

(90319)

TIP-TIN TIP TINNER/CLEANER



Lead-free tip tinner/cleaner provides improved cleaning and retinning 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
● TT-95	Lead-Free Tip Tinner/Cleaner	98H3029	6.42

(78330)

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.



Mfg. Part No.	Diameter	Weight	Stock No.	Price Each
1471	1"	½ oz.	10N694	6.39
1472	2"	1½ oz.	10N695	11.57

(19348)

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SOLDERING ACCESSORIES

PLATO® SOLDER TIP CLEANING SPONGES

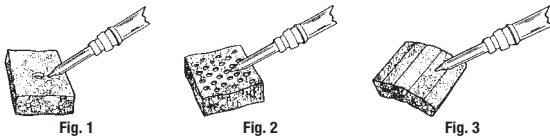


All natural, premium sponges aid in keeping solder tips well tinned and help extend tip life. Removes surface oxides and excess solder from tip while exposing tip point definition. Manufactured from natural cellulose that holds many times its weight in water (expands to 1") and resists abrasion and tearing 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.
● CS-1	1.50 x 2.12	Weller SP-60, Pace 4021-0005	57J3334	15.40
● CS-11	2.00 x 2.63	Plato Vac Kits and Hot Grips	68K2250	16.64
● CS-36	2.25 x 3.50	Hexacon 8141 and 8141C	68K2251	18.93
● CS-40	2.50 x 3.25	Edsyn Loner RS-199	68K2252	18.93
● CS-44	2.70 x 2.70	Hakko 609-029 and A-1042, Weller TC205	68K2253	17.27
● CS-44M	2.70 x 2.70	Weller EC305, Hakko A-1042 with Swiss Cheese holes	68K2254	19.14
● CS-47	2.10 x 3.20	Metcal STSS-YS3 and STSS-WS5, Ungar 455 and UTC234	68K2255	17.27

*Dry, compressed state (79316)

SOLDER SPONGES



Mfg. part no. 1646 dimensions: 1.55 x 2.55". Mfg. part nos. 1647, 1648, and 1649: 2.2 x 3.5". Mfg. part nos. 1650, 1651, and 1652: 2.6 x 2.6". Mfg. part no. 1653: 3.2 x 1.9". Mfg. part no. SPC10937: 8.5 x 1.7". Sold in packs of 10.

Mfg. Part No.	Use with	Fig.	Stock No.	Price Each	
				1-9	10-24
● 1648	Weller DS-100, EC-1000, EC-2000	1	92N3501	16.90	15.22
● 1649	Weller DS-100, EC-1000, EC-2000	3	92N3501	16.90	15.22
● 1650	Weller WTCP, EC-3000, EC-4000, TC205	2	92N3502	17.60	15.85
● 1651	Weller WTCP, EC-3000, EC-4000, TC205	1	92N3503	16.90	15.22
● 1652	Weller WTCP, EC-3000, EC-4000, TC205	3	92N3504	16.94	15.25
● 1653	Metcal, Plato CS-46	1	92N3505	14.42	12.99

(28573)

PROBE SET



Scalpel-sharp for fine probing. Useful for cold solder probing, hand inspection, micro-positioning, and lead adjusting.

Mfg. Part No.	Stock No.	Price Each
		1-4
SPC4793	50N045	24.70

(32975)

KLEEN-TIP™ SPONGE AND TRAY



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	10.97
455	Replacement Sponge	33F684	1.85

(5744)

ESF 120 ESD CIRCUIT BOARD VISE



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 6/4" x 9/8" (160 x 235).

Mfg. Part No.	Stock No.	Price Each
		1-4
ESF-120ESD	66F7803	59.80

(19430)

SOLDER TIP SPONGES



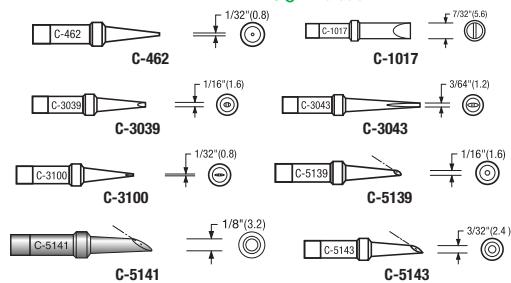
TC205

EC305

Mfg. Part No.	Stock No.	Price Each
		1-4
TC205	34F1030	1.42
EC305	66F9479	2.50

(19431)

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. WTCP, WTCPN, WTCPN, WTCP, WTCP, 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	3.39
● C-1017-7	Soldering Tip, Replaces Weller® PTE7	Screwdriver	68K2145	3.38
● C-3039-7	Soldering Tip, Replaces Weller® PTA7	Screwdriver	06J1905	4.51
● C-3039-7	Soldering Tip, Replaces Weller® PTA7	Screwdriver	68K2147	3.38
● C-3043-7	Soldering Tip, Replaces Weller® PT7	Screwdriver	06J1915	3.68
● C-5139-7	Soldering Tip, Replaces Weller® PTAA7	Bevel	68K2153	2.94
● C-5141-7	Soldering Tip, Replaces Weller® PTCC7	Bevel	68K2155	3.38
● C-5143-7	Soldering Tip, Replaces Weller® PTBB7	Bevel	68K2157	2.94

TIPS WITH 800° F OPERATING TEMPERATURE

● C-462-8	Soldering Tip, Replaces Weller® PTP8	Conical	68K2152	3.34
● C-3039-8	Soldering Tip, Replaces Weller® PTA8	Screwdriver	68K2148	3.38
● C-3043-8	Soldering Tip, Replaces Weller® PT8	Screwdriver	68K2149	3.38
● C-3100-8	Soldering Tip, Replaces Weller® PTH8	Screwdriver	68K2150	3.23
● C-5139-8	Soldering Tip, Replaces Weller® PTAA8	Bevel	68K2154	3.30
● C-5141-8	Soldering Tip, Replaces Weller® PTCC8	Bevel	68K2156	3.38

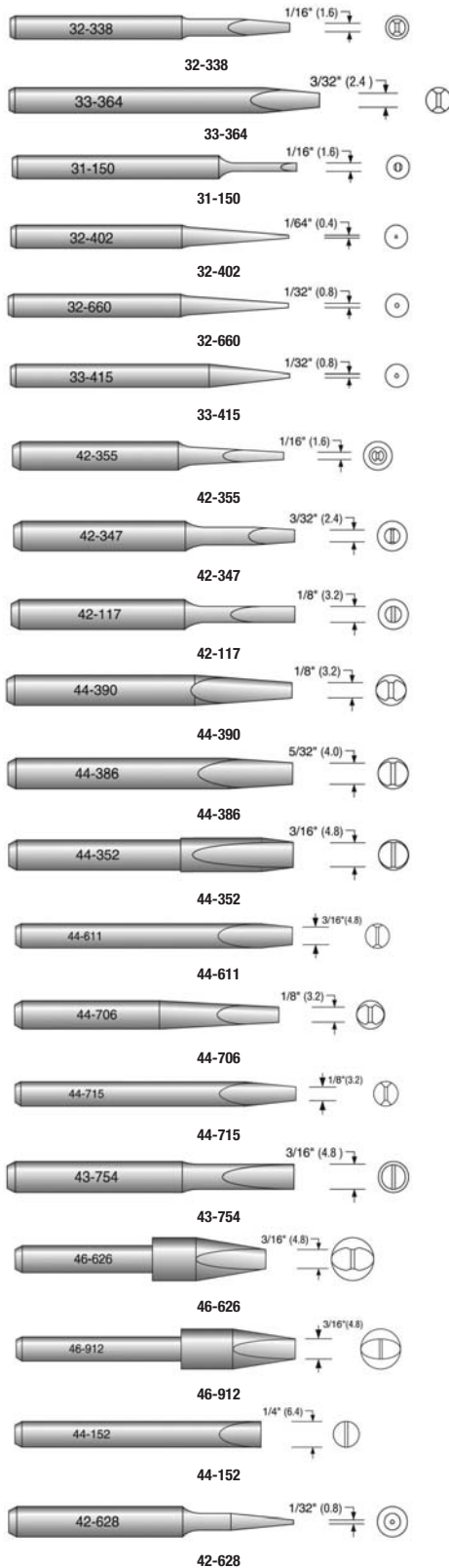
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SOLDERING ACCESSORIES

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



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



40-712

- 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	7.53
● 33-364	Screwdriver	3/32	Replaces American Beauty Tip 617, Esico Tips 320-109, 320-118 and Hexacon Tip HT207	98H3307	7.53
● 31-150	Chisel	1/16	Replaces American Beauty Tip 604, Esico Tips 311-103, 311-124 and Hexacon Tip HT276	98H3291	7.53
● 32-402	Conical	1/64	Replaces American Beauty Tip 630 and Hexacon Tip HT118	98H3296	7.53
● 32-660	Conical	1/32	Replaces American Beauty Tip 626, Esico Tips 342-112, 342-119 and Hexacon Tip HT479	98H3297	7.53
● 33-415	Conical	1/32	Replaces American Beauty Tip 625 and Hexacon Tip HT281	98H3315	7.53

1/4" TIPS

● 42-355	Screwdriver	1/16	Replaces American Beauty Tip 716, Esico Tips 422-108, 422-132 and Hexacon Tip HT359	98H3351	8.04
42-347	Screwdriver	3/32	Replaces American Beauty Tip 417, Esico Tips 422-347, 422-144 and Hexacon Tip HT358	98H3350	8.04
● 42-117	Screwdriver	1/8	Replaces American Beauty Tip 701, Esico Tips 412-103, 412-131 and Hexacon Tip HT451	98H3348	8.04
● 44-390	Screwdriver	1/8	Replaces American Beauty Tip 721, Esico Tips 420-106, 420-119 and Hexacon Tip HT417	98H3369	8.04
● 44-386	Screwdriver	5/32	Replaces American Beauty Tip 720, Esico Tips 420-143, 420-164 and Hexacon Tip HT397	98H3364	8.04
● 44-352	Screwdriver	3/16	Replaces American Beauty Tip 715 and Hexacon Tip HT313	98H3363	8.04
44-611	Screwdriver	3/16	Replaces American Beauty Tip 738, Esico Tip 420-130 and Hexacon Tip HT202	98H3371	8.04
● 44-706	Chisel	1/8	Replaces Esico Tip 420-201 and Hexacon Tip HT586	98H3373	8.04
44-715	Chisel	1/8	Replaces Esico Tip 420-114 and Hexacon Tip HT426	98H3374	8.04
● 43-754	Chisel	3/16	Replaces Esico Tips 413-102, 413-134 and Hexacon Tip HT463	98H3357	8.04
● 46-626	Chisel	3/16	Replaces Esico Tips 426-161, 426-173 and Hexacon Tip HT552	98H3376	10.82
● 46-912	Chisel	3/16	Replaces Esico Tip 426-189 and Hexacon Tip HT773	98H3377	10.82
● 44-152	Chisel	1/4	Replaces American Beauty Tip 704, Esico Tips 410-140, 410-126 and Hexacon Tip HT553	98H3361	8.04
● 42-628	Conical	1/32	Replaces Esico Tips 442-153, 442-139 and Hexacon Tip HT513	98H3353	8.04
● 40-712	Bevel	3/32	Replaces Hexacon Tip HT453	98H3342	12.93

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Expert technical support

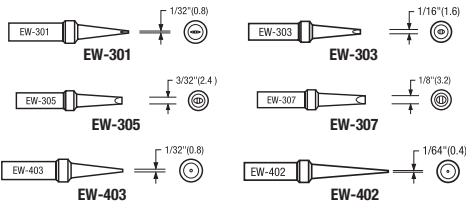
Chat online to our team of engineers, or connect to them through your representative.

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➔ CONTINUED ➔

SOLDERING ACCESSORIES

EW SERIES WELLER® COMPATIBLE SOLDERING TIPS



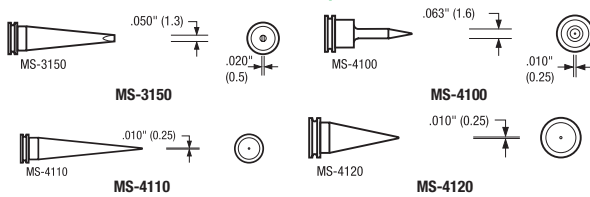
- Enhanced performance of soldering station
- Longer tip life
- Improved heat recovery

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
● EW-301	Soldering Tip, Replaces Weller® ETH	Screwdriver	68K3565	4.09
● EW-303	Soldering Tip, Replaces Weller® ETA	Screwdriver	68K3566	4.09
● EW-305	Soldering Tip, Replaces Weller® ETB	Screwdriver	68K3567	4.09
● EW-307	Soldering Tip, Replaces Weller® ETC	Screwdriver	68K3568	4.09
● EW-402	Soldering Tip, Replaces Weller® ETS	Conical	68K3569	4.09
● EW-403	Soldering Tip, Replaces Weller® ETP	Conical	98H2676	4.09

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MS SERIES WELLER® COMPATIBLE SOLDERING TIPS



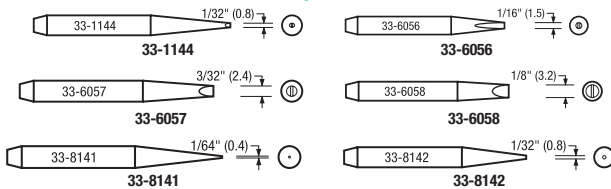
- Enhanced performance of soldering station
- Longer tip life
- Improved heat recovery

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
● MS-3150	Soldering Tip, Replaces Weller® LTK	Screwdriver	98H2835	4.13
● MS-3300	Soldering Tip, Replaces Weller® LTB	Screwdriver	98H2838	4.13
● MS-4100	Soldering Tip, Replaces Weller® LTI	Conical	98H2842	3.16
● MS-4110	Soldering Tip, Replaces Weller® LTL	Conical	98H2844	4.13
● MS-4120	Soldering Tip, Replaces Weller® LTI	Conical	98H2845	3.60

(79377)

3/16" PACE® COMPATIBLE SOLDERING TIPS



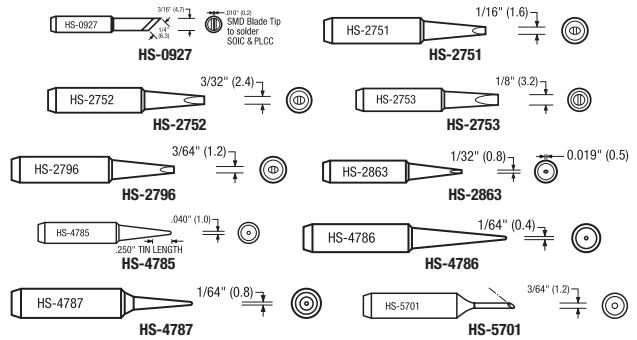
- Enhanced performance of soldering station
- Longer tip life
- Improved heat recovery

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
● 33-1144	3/16" Soldering Tip, Replaces Pace® 1121-0359	Screwdriver	68K7432	5.42
● 33-6056	3/16" Soldering Tip, Replaces Pace® 1121-0414	Screwdriver	98H3323	5.42
● 33-6057	3/16" Soldering Tip, Replaces Pace® 1121-0360	Screwdriver	68K7433	5.42
● 33-6058	3/16" Soldering Tip, Replaces Pace® 1121-0337	Screwdriver	68K7434	5.42
● 33-8141	3/16" Soldering Tip, Replaces Pace® 1121-0357	Conical	68K7435	5.42
● 33-8142	3/16" Soldering Tip, Replaces Pace® 1121-0336	Conical	68K7436	5.42

(79365)

HAKKO® COMPATIBLE SOLDERING TIPS



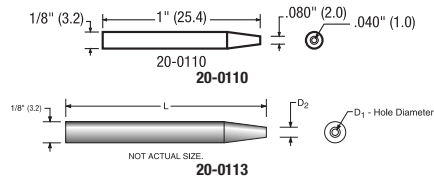
- Enhanced performance of soldering station
- Longer tip life
- Improved heat recovery

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	9.30
● HS-2751	Soldering Tip, Replaces Hakko® 900M-T-1.6D	Screwdriver	98H2732	6.72
● HS-2752	Soldering Tip, Replaces Hakko® 900M-T-2.4D	Screwdriver	98H2733	6.72
● HS-2753	Soldering Tip, Replaces Hakko® 900M-T-3.2D	Screwdriver	98H2734	6.13
● HS-2863	Soldering Tip, Replaces Hakko® 900M-T-0.8D	Screwdriver	98H2738	7.78
● HS-4785	Soldering Tip, Replaces Hakko® 900M-T-B	Conical	98H2743	6.72
● HS-4786	Soldering Tip, Replaces Hakko® 900M-T-LB	Conical	98H2744	7.58
● HS-4787	Soldering Tip, Replaces Hakko® 900M-T-I	Conical	98H2745	6.91
● HS-5701	Soldering Tip, Replaces Hakko® 900M-T-1C	Bevel	98H2758	6.36

(79366)

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	1.52
● 20-0113	3/16" Desoldering Tip, Replaces Pace® 1121-0216	14M8140	1.48

(79367)

30 SERIES 3/16" PACE® COMPATIBLE DESOLDERING TIPS



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

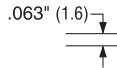
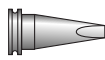
30 series 3/16" long life desoldering tips are designed to fit Pace® SX-70, SX-80 and SODR-X-TRACTORS. Length: 1.54". Shank diameter: 0.183". Other tip sizes available; go online or call.

Mfg. Part No.	Description	Stock No.	Price Each
● 30-0600	Desoldering Tip, Replaces Pace® 1121-0368	98H3286	6.39
● 30-060	Desoldering Tip, Replaces Pace® 1121-0464	68K7417	16.44

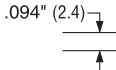
(79368)

SOLDERING ACCESSORIES • HEAT TOOLS

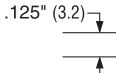
LONG LIFE MS SERIES SOLDERING TIPS



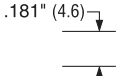
MS-3200LF



MS-3400LF



MS-3600LF



- 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	4.16
MS-3300LF	LTB	Soldering Tip, 2.4mm Chisel	46M5719	4.16
MS-3400LF	LTC	Soldering Tip, 3.2mm Chisel	46M5720	4.16
MS-3600LF	LTD	Soldering Tip, 4.6mm Chisel	46M5721	4.16
MS-4200LF	LTO	Soldering Tip, 1mm Conical	46M5722	6.43
MS-5300LF	LTBB	Soldering Tip, 2.4mm Bevel	46M5723	6.43
MS-5400LF	LTCC	Soldering Tip, 3.2mm Bevel	46M5724	6.43
MS-0100LF	LTGW	Soldering Tip, Hoof	46M5717	11.28

(94521)

HEAVY-DUTY SOLDERING GUN KIT

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



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
D550PK	Soldering Gun Kit	33F132	64.27
D550	Soldering Gun	33F129	54.74
7250	2 Copper Soldering Tips	26M8402	5.31
7250N	Solder Tip with Nuts	26M8403	5.31
6130	Cutting Tip with Nuts	33F137	5.31
6140	Smoothing Tip with Nuts	33F138	5.31
7324	Switch for Dual Heat Models	33F163	12.50

(5856)

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(116881)

GENERAL-PURPOSE AND PRECISION SOLDER POTS



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	347.29
SP-101-P	General-Purpose Solder Pot, Porcelainized Crucible	350	500 to 975 deg F	29K7854	438.69
SP-301	High-Temperature Solder Pot	500	500 to 1100 deg F	98H2945	361.40
SP-301-P	High-Temp Solder Pot, Porcelainized Crucible	500	500 to 1100 deg F	29K7855	382.44

PRECISION SOLDER POTS

SP-500T	Precision Solder Pot	350	Ambient to 925 deg F	98H2949	1176.74
SP-500-TP	Precision Solder Pot, Porcelainized Crucible	350	Ambient to 925 deg F	29K7856	1141.46
SP-600-T	Precision Solder Pot, 4"x 6" Crucible	1000	Ambient to 750 deg F	29K7857	2531.79
SP-600-TP	Precision Solder Pot, 4"x 6" Porcelainized Crucible	1000	Ambient to 750 deg F	29K7858	3038.16

(79329)

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	47.60
8200	140/100W Soldering Gun	33F148	40.46
6110	2 Cutting Tips, Nickel-Plated Copper	33F135	5.31
6120	2 Smoothing Tips, Nickel-Plated Copper	33F136	5.31
8125	2 Premium Iron and Tin-Plated Tips	33F149	5.31
8125N	Solder Tip with Nuts	26M8404	5.31

▶ CONTINUED ▶

HEAT TOOLS

MEDIUM-DUTY SOLDERING GUN KIT (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
● 7135W	2 Copper Soldering Tips	33F124	5.31
● 7135N	Solder Tip with Nuts	33F140	5.31

(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



Weller®

Mfg. Part No.	Stock No.	Price Each
		1-4
D650	92F7641	74.98

(5917)

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 "Pull-down" 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



MASTER APPLIANCE

MT-76K

MT-76

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, 99% 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
			1-2
MT-76	Triggertorch	34C6784	54.82
MT-76K	Triggertorch Kit	04H7600	75.95

(68868)

MICROTORCH™ MT-51 SERIES

MASTER APPLIANCE



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
		1-2
MT-51	34C6783	31.65
MT-51B	60M1691	33.95
MT-51H	66K7500	41.04

(68869)

ULTRATORCH™ HEAT TOOL

MASTER APPLIANCE

- 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
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	49.64

(84343)

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
		1-2
GT-70	19C8582	85.70

(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
		1-2
UT-300SI	18C0445	177.92

(64676)

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(116880)

ULTRATORCH® BUTANE GAS-POWERED SOLDERING IRONS



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
			1-2
UT-40SI	Soldering Iron	91F1983	62.23
UT-40SIK	Soldering Iron Kit	19C8581	98.94

(64673)

ULTRATORCH® SELF-IGNITING CORDLESS HEAT TOOLS



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
			1-2
UT-100SI	2-Hour Operating Time	93F7820	121.25
UT-100SI-TC	120 Min. Operating Time	60M2702	265.82
UT-200SI	4-5 Hour Operating Time	93F7821	177.92

(5660)

PEN-SIZED ULTRATORCH® CORDLESS HEAT TOOL



- 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
		1-2
UT-50	94F7813	105.20

(5661)

MASTER® AND VARITEMP® HEAT GUNS/ KITS



VT750C



HG Kit



VTS-750



Fig. 1



Fig. 2



Fig. 3

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 (203.20 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	134.31
HG-301A	12	1440	300/500	37F1437	130.84
HG-501A	14	1680	500/750	37F415	130.84
HG-751B	14.5	1740	750/1000	37F422	130.84

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	194.54
HG-501AK	14	1680	500/750	58K3448	194.54
HG-751BK	14.5	1740	750/1000	66K7455	194.54

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	189.21
VT-750CK	14.5	1740	Ambient - 1000	83K1752	262.40
VTS-750	14.5	1740	Ambient - 1000	59M8864	269.70

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	28.00
HAS-041K	Master Appliance Model HG301A Heat Gun	37F1769	28.00
HAS-011K	Master Appliance Model HG501A Heat Gun	37F1772	27.12
HAS-043K	Master Appliance Model HG751B Heat Gun	37F1774	26.73

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	16.06
A-160-HG	2	Baffle for Tubing to 0.750" (19.05) O.D.	37F425	16.06
A-170-HG	3	Baffle for Tubing 0.750" (19.05) to 2" (50.8) O.D.	37F426	16.06

(5724)

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(116859)

HEAT TOOLS

PH-1100 PROHEAT® HEAT GUN



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	97.00
PH-1100K	Heat Gun Kit	24K3796	114.20

ATTACHMENTS FOR PROHEAT® HEAT GUN

Mfg. Part No.	Fig.	Description	Stock No.	Price Each
				1-2
35017	1	Shrink Attachment	93F7824	16.06
35016	2	Spreader Attachment	93F7825	24.26
35026	3	Nozzle Shield	93F7828	15.30

(5625)

PROHEAT® VARIAIR™ HEAT GUN



- 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 this page.*

Mfg. Part No.	Description	Stock No.	Price Each
PH-1300	Heat Gun	24K3798	178.49
PH-1300K	Heat Gun Kit	24K3799	233.59
PH-1300-1	Heat Shrink System	20K7710	187.30

(84344)

VARITEMP® HEAT GUNS



- 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
			1-2
PH-1200	Heat Gun	93F7823	166.34
PH-1200K	Heat Gun Kit	24K3797	203.64
PH1200-1	Heat Shrink System	50B4987	155.14

ATTACHMENTS FOR VARITEMP® PH1200 HEAT GUN

Mfg. Part No.	Fig.	Description	Stock No.	Price Each
				1-2
35017	1	Shrink Attachment	93F7824	16.06
35016	2	Spreader Attachment	93F7825	24.26
35293	3	9/16" Reducer	24K0649	10.95
35294	4	5/16" Reducer	37K5963	10.95
35026	5	Nozzle Shield	93F7828	15.30
35292	6	Specialty Connector	73J7304	10.95

(5725)

MASTER-MITE® HEAT AND ESD HEAT GUNS



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
				1-2
10008	4.0	650	37F1450	95.31
10012	4.5	800	92C2530	152.61

ADDITIONAL HEATING ELEMENTS FOR MASTER-MITE® GUNS

Mfg. Part No.	Color Code	Temp. (°F)	Watts	Stock No.	Price Each
					1-2
20013	Silver	650	475	37F2901	33.40
20014	Black	800	525	37F2902	33.40

(5726)

FIND IT • BUY IT • GET IT • DONE

"It's easy to do business with Newark online or by phone."

(116883)

MAGNA-LITE™ BUTANE-POWERED TABLETOP TORCH



Weller®

- 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
			1-4
ML200	Magna-Lite Butane-Powered Tabletop Torch	10M6684	27.44

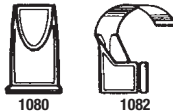
(89373)

STANDARD-DUTY 1000W HEAT GUN



Weller®

- 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
			1-4
1095	General-Purpose Heat Gun	87F3433	68.14
1080	Reducer for Concentrating Heat	87F1629	7.93
1082	Reflector for Heat Shrink	87F1631	7.93

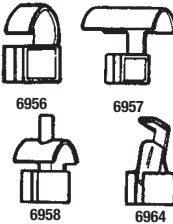
(5889)

ESD-SAFE LIGHTWEIGHT 250W HEAT GUN



Weller®

- 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!



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
			1-4
6966C	Heat Gun with 4 Attachments	35F3074	166.66

REPLACEMENT ATTACHMENTS AND HEAT GUN WIRE STAND

6956	1/2" Reflector	87F1633	2.89
6957	1 1/2" Reflector	87F1634	3.07
6958	Reducing Baffle	87F1635	5.45
6964	0.20" Precision Reflector	87F1632	10.81
6965A	Heat Gun Wire Stand	35F3075	25.13

(5890)

Expert technical support

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

(116882)

MAGNA-LITE™ BUTANE-POWERED MICRO TORCH



Weller®

- 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

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
			1-4
ML100	Magna-Lite Butane-Powered Micro Torch	84K0484	10.94

(88541)

HEAVY-DUTY 750W HEAT GUN



Weller®

- 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

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

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
6970	Industrial Heat Gun	46F3182	108.34
6959	Adapter for Mfg. part no. 6966C Attachments	32F999	13.90

(5891)

DUAL TEMPERATURE HEAT GUN



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	41.40

(89396)

VARIABLE TEMPERATURE HEAT GUN



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	58.98

(89398)

HEAT TOOLS • CHEMICAL CLEANERS & ACCESSORIES

VARIABLE TEMPERATURE HEAT GUN KIT



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	74.74

(89399)

HEAT GUN NOZZLES



- Heavy gauge nickel-plated steel
- One year warranty



SPC20540

SPC20541

Mfg. part No.	Description	Stock No.	Price 1-9
● SPC20540	Heat Gun Spreader Nozzle, 3" (75mm)	02M6857	12.15
● SPC20541	Heat Gun Reflector Nozzle, 1 1/4" (39mm)	02M6858	12.15

(89397)

NOVEC™ AEROSOL CLEANERS



- Non-flammable
- Low toxicity
- Non-ozone depleting
- Non-corrosive
- Fast drying, virtually no residue
- Contains no HCFC's, HFC's, nPB or HAP's

Based on proprietary 3M solvent technology, Novec™ aerosol cleaners are designed to remove tough soils – while reducing the impact on people and the environment. They offer a responsible alternative to HCFC 141b-based cleaners.



Contact Cleaner

5-Way Penetrant

Mfg. part no. 051135-71699 Novec™ contact cleaner effectively removes light oils, greases, silicones, dust and particulates from sensitive electronic and electrical equipment. It is compatible with plastics and can be used on energized equipment or components.

Mfg. part no. 051135-71698 Novec™ electronic degreaser effectively removes oils, greases and handling soils from electric motors, electrical equipment, precision devices and other electro-mechanical or sensitive devices. Industrial strength cleaner. Test on plastics before using – may damage acrylics, polycarbonates, ABS and PS.

Mfg. part no. 051135-71697 Novec™ flux remover removes rosin solder fluxes, waxes and similar contaminants. It is also effective in removing hydrocarbons, silicone and fluorochemical oils and greases from devices such as electric motors, generators, precision devices and other electromechanical or sensitive equipment. Test on plastics before using – may damage acrylics, polycarbonates, ABS and PS.

Mfg. part no. CITRUS BASED CLEANER is a liquid cleaner/degreaser that can be used to dissolve and remove dirt, grease, tar, and many non-curing type adhesives. It can also be used to degrease substrates for adhesive bonding in place of many chlorinated or petroleum-based solvents.

Mfg. part no. 5-WAY-PENETRANT displaces moisture and dries out electrical apparatus. Helps prevent shorting and increases conductivity. Inhibits rust. Frees rusted bolts, lubricates and cleans, drives out moisture. Also excellent as a tapping liquid for stainless steel and aluminum.

Mfg. Part No.	Description	Stock No.	Price 1-4
NOVEC(TM) CONTACT	Contact Cleaner, 11 oz.	78K7084	21.58
NOVEC(TM) ELECTRONIC DEGR	Electronic Degreaser, 12 oz.	78K7083	20.34
NOVEC(TM) FLUX REMOVER	Flux Remover, 12 oz.	78K7082	20.34
● CITRUS-BASED-CLEANER-24OZ	Industrial Cleaner, 24 fl. oz.	93K5577	25.35
● 5-WAY PENETRANT	5-Way-Penetrant, 24 fl. oz.	93K5585	16.42

(87098)

DeoxIT® CONTACT CLEANER/REJUVENATOR



D50W

D100L-2DB

DN5S-6N

DN5MS-15

- Dissolves Oxidation and Corrosion
- Cleans, Lubricates and Seals
- Reduces Intermittent Connections
- Improves Signal Quality and Data Speeds
- Reduces Arcing and RFI
- Reduces Wear and Abrasion
- Improves the Flow of Electricity
- Temperature Range, -34°C to 200°C



D100P

DeoxIT® dissolves oxides and sulfides that form on metal contact surfaces, removing the sources of resistance. This restores the contact's integrity and leaves a thin (organic) layer that coats and seals the metals. When contact surfaces are exposed to dust, smoke, soot, and other solids suspended in the atmosphere, non-metallic films can form, inhibiting conductivity. Metal oxide formation is the most common cause of oxidation. Salt-laden air in coastal areas corrodes metals, forming chloride films. DeoxIT's® unique properties allow it to work on stationary or moving contacts and connectors with similar or dissimilar metals. Its advanced formula contains deoxidizers, preservatives, conductivity enhancers, arcing and RFI inhibitors and anti-tarnishing compounds that significantly increase the performance and reliability of electrical equipment. **NOTE:** After cleaning with DeoxIT®, apply DeoxIT GOLD® (indoor applications) or DeoxIT SHIELD® (harsh environments; water, salt, pollution) for maximum performance and protection.

Why CAIG products are different:

1. FIRST, you must really clean contacts and connectors

Simple contact "cleaners" wash away dirt, dust, and grime, but prove ineffective at removing oxidation and surface sulfides. These tough contaminants actually attach to and become an integral part of the contact metal. This issue causes increased unnecessary service calls for covered warranty repairs that could have been prevented, translating into literally millions of dollars of lost revenue for service organizations. The only true method of eliminating oxidation and surface sulfides is by chemical action and reaction, and that's what puts CAIG's DeoxIT® and DeoxIT GOLD® products in a class by themselves.

2. Next, you want enhancement - to improve conductivity

DeoxIT® and DeoxIT GOLD® are designed to improve the flow of electricity between metal surfaces. These products are initially non-conductive liquids. When subjected to an electrical field, DeoxIT® and DeoxIT GOLD® promote current flow. No short circuits will occur. In both states, DeoxIT®, DeoxIT GOLD®, DeoxIT SHIELD® have resistances high enough to prevent short circuits.

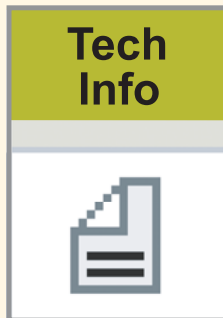
3. Finally, you need long-lasting protection - for improved reliability

DeoxIT®, DeoxIT GOLD® and DeoxIT SHIELD® protect metal surfaces in two ways. First they mechanically bond, on a molecular level, to seal the metal surface. Second, the thin film moves as the contact is disturbed by vibration or another contact surface. In effect, the product(s) re-coat exposed surfaces. This is especially important on equipment subject to vibration. Greases, silicones, polymers and PPE's cannot reseal exposed surfaces. Once exposed or re-inserted they need to be re-applied.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● D5MS-15	DeoxIT D5 Mini-Spray, flushing action, slow dry	14g	08H0310	12.13
● D5S-6	DeoxIT D5 Spray flushing action, slow dry	142g	08H0311	20.26
● DN5MS-15	DeoxIT DN5 Mini-Spray, nonflammable, quick dry - non-drip	14g	42J5217	13.48
● DN5S-6N	DeoxIT DN5 Spray, nonflammable, quick dry - non-drip	163g	42J5218	29.75
● D100P	DeoxIT Pen, nonflammable	6ml	08H0319	22.97
● D50W	DeoxIT Wipes, nonflammable	50 count	08H0320	27.04
● D100L-2DB	DeoxIT Brush Dispenser, nonflammable, 100% solution	7.4ml	49H8608	20.26
● D100L-25C	DeoxIT Needle Dispenser, nonflammable, 100% solution	25ml	08H0309	33.81

(74202)

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(116877)

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CHEMICAL CLEANERS & ACCESSORIES

DeoxIT® Gold® FOR PLATED METAL ELECTRICAL CONNECTIONS



- Ideal for gold plated surfaces
- For Critical and Low Signal Applications
- Improves Conductivity and Maintains Optimum Signal Quality
- Prevents Dendrite and Fretting Corrosion
- Prevents Data Errors, Lockups and Intermittents
- Protects Base Metals from Oxidation
- Reduces Arcing, RFI, Wear and Abrasion

DeoxIT® GOLD	G100L	GX, GX100L*
Temperature Range:	-34°C to 240°C	-45°C to 310°C

* For details, go online or call.

DeoxIT® GOLD (formerly ProGold) is specifically formulated to improve conductivity, lubricate and protect plated connectors and contacts for maximum performance and protection. It deoxidizes minor amounts of surface contamination, and penetrates plated surfaces and molecularly bonds to the base metals. Unlike other products, it also stabilizes connections between similar and dissimilar metals. Provides long-lasting protection on gold, as well as silver, rhodium, copper, nickel and other precious metals in connectors and on contacts. **NOTE:** On oxidized/corroded surfaces, pre-clean with DeoxIT®. For severe environments (humidity, salt, pollution, etc.), treat with DeoxIT® and finish with DeoxIT® SHIELD.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● GN5S-6N	DeoxIT GOLD®, GN5 Spray (Nonflammable, quick dry - non drip)	163 g	42J5221	36.52
● G5MS-15	DeoxIT Gold G5 Mini-Spray (flushing action, slow dry)	14 g	08H0313	13.48
● GN5MS-15	DeoxIT GOLD®, GN5 Mini-Spray (nonflammable, quick dry - non drip)	14 g	42J5220	14.84
● G5S-6	DeoxIT® GOLD G5 Spray (flushing action, slow dry)	142 g	08H0314	28.39
● G100P	DeoxIT® GOLD Pen, nonflammable	6.0 ml	08H0321	31.10
● G50W	DeoxIT® GOLD Wipes, nonflammable	50 count	08H0322	37.88
● G100L-2DB	DeoxIT® GOLD, Brush, 100% nonflammable	7.4g	08H0312	29.75
● G100L-25C	DeoxIT® GOLD G100L Needle Dispenser, 100% nonflammable	25ml	49H8893	62.28

(74200)

DeoxIT® SHIELD SEALANT AND PROTECTANT FOR ELECTRICAL CONNECTIONS



- Lubricates and Preserves
- Reduces Intermittent Connections
- Reduces Arcing and RFI
- Reduces Wear and Abrasion
- Improves the Flow of Electricity
- Ideal for Severe Environments: High degrees of Humidity, Salt, Pollution, etc.

DeoxIT® SHIELD lubricates and seals metal surfaces against oxidation and contamination. **NOTE:** Use on newly manufactured components or those surfaces cleaned by DeoxIT®, ultrasonics or other procedures. DeoxIT® SHIELD contains no cleaners or deoxidizers, and provides long-lasting protection.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● SSMS-15	DeoxIT SHIELD S5 Mini-Spray, flushing action, slow dry	14g	67K2677	10.44
● SSS-6	DeoxIT SHIELD S5 Spray, flushing action, slow dry	142g	67K2678	18.60
● SN5S-6N	DeoxIT SHIELD SN5 Spray, nonflammable, quick dry - non-drip	163g	67K2670	26.77
● S100L-25C	DeoxIT SHIELD Needle Dispenser, nonflammable, 100% solution	25ml	67K2673	31.43

(74201)

DeoxIT® MECHANICAL AND ELECTRICAL GREASE



Just Added

- Cleans, Deoxidizes, Protects and Lubricates
- Free of Mineral Acids, Alkalis, Sulphurs and Other Noxious Components Aggressive to Metals
- Choice of Lithium or Mineral Based
- Chose from Aluminum, Copper, Quartz Particles or Particle Free
- Temperature Range, -40°C to 260°C

APPLICATIONS

Electrical:

- Antenna connections, battery terminals, Buss bars, commutators, conductor rails, conductors, contactors, disconnects, drying and processing equipment, high amperage/high voltage applications, industrial electrical equipment (lifts, cranes, robotics, etc.), power tools; relays and switches (heavy duty, knife, step, rotary), etc.

Mechanical:

- Bearings (all types), doors (Closures), drives (chain/sprockets), hatch closures, O-rings and seals, linear motion systems, plugs (threaded holes), rack and pinion assemblies, screw devices (jacks, rails), slide bushings, sliding parts, tracks/guides/rails, threaded closures, worm gears, etc.

DeoxIT® L260 are semi-solids for use as a cleaning, deoxidizing, protecting and lubricating preparation. They protect against oxidation (galvanic corrosion) and are free of acids, sulphurs, alkalis and other noxious components aggressive to metals. Lubricant containing metal particles (aluminum or copper) are used to assist in oxide and corrosion break up and good lubrication. These metals are conductive, so metal-containing lubricants are not for use where two contacts may touch and possibly short. Sold in 12g syringe dispensers except L260-N2G, 2g squeeze tube. All syringe dispensers include plastic plunger. DGG-50 Dispensing Gun provides precision control, ease of use, less fatigue.

Mfg. Part No.	Description	Particle Content	Stock No.	Price Each
L260-N2G	DeoxIT L260Np Lithium Grease, squeeze tube	None	77M2533	3.95
L260-A2C	DeoxIT L260Ap Lithium Grease, cartridge	Aluminum	77M7983	12.95
L260-C2C	DeoxIT L260Cp Lithium Grease, cartridge	Copper	77M7984	14.95
L260-G2C	DeoxIT L260GQp Lithium Grease, cartridge	Graphite/Quartz	77M7985	15.95
L260-G2C	DeoxIT L260Gp Lithium Grease, cartridge	Graphite	77M7986	14.95
L260-N2C	DeoxIT L260Np Lithium Grease, cartridge	None	77M7987	10.95
L260-Q2C	DeoxIT L260Qp Lithium Grease, cartridge	Quartz	77M7988	15.95
M260-C2C	DeoxIT L260Cp Mineral Grease, cartridge	Copper	77M8003	14.95
M260-N2C	DeoxIT L260Np Mineral Grease, cartridge	None	77M8004	10.95

GREASE DISPENSING GUN

Mfg. Part No.	Description	Stock No.	Price Each
DGG-50	Grease Dispensing Gun	77M7965	29.95

(106009)

ULTRAJET® BRAND COMPRESSED GAS DUSTERS



UltraJet® brand dusters are the most powerful dusters on the market. Nonflammable dusters remove dry contaminants from many kinds of surfaces. Dusters are safe on plastics and leave no residue. UltraJet® dusters are filtered to 0.2 microns.

Mfg. part no. ES1020 UltraJet® Duster provides the biggest blast to clean anything fast. 100% ultra-pure HFC-134a. Mfg. part no. ES1620 UltraJet® All-Way Duster provides the same power as mfg. part no. ES1020 but it also sprays in any direction without the risk of dispensing a liquid spray that can freeze and damage sensitive surfaces. 100% ultra-pure HFC-134a.

Mfg. part no. ES1015 UltraJet® 70 Duster provides a powerful cleaning blast at an economic price. 100% ultra-pure HFC-134a.

Mfg. part no. ES1020K UltraJet® Duster System has a precision surgical-grade chrome trigger for pinpoint control. The system sprays in any direction with a 36" flex-extension tube. 100% ultra-pure HFC-134a.

Mfg. part nos. ES1017, ES1217 and ES1617 Dusters provide regular strength cleaning at an economical price. Nonflammable. Made with HFC-134a.

Mfg. part no. ES270-1 UltraJet® CO₂ Duster System, the ultra-pure, ultra-powerful duster for highly sensitive surfaces and equipment. 100% ultra-pure CO₂.

Mfg. Part No.	Description	Size	Blasting Power	Stock No.	Price Each
● ES1020	UltraJet® Biggest Blast	10 oz.	Xtra Xtra	00Z1209	19.79
● ES1620	UltraJet® All-Way Biggest Blast	8 oz.	Xtra Xtra	00Z1817	17.21
● ES1015	UltraJet® Big Blast	10 oz.	Xtra	00Z1305	14.41
● ES1020K	UltraJet® System	10 oz.	Regular	00Z1211	51.51
● ES1020R	UltraJet® System Refill	10 oz.	Regular	00Z1210	18.81
● ES710V	Chrome Trigger Valve for ES1020R	66F6773	40.41

➤ CONTINUED ➤

CHEMICAL CLEANERS & ACCESSORIES

ULTRAJET® BRAND COMPRESSED GAS DUSTERS (CONT.)

Mfg. Part No.	Description	Size	Blasting Power	Stock No.	Price Each
					1-4
● ES1017	Duster	10 oz.	Regular	94B3540	13.26
● ES1217	Duster	8 oz.	Regular	00Z1818	10.64
● ES1617	Duster	12 oz.	Regular	00Z1819	15.85
● ES270-1	Ultrajet® CO ₂ System	2.4 oz.	Xtra Xtra	25C8213	194.13

(36777)

ELECTRO-WASH® CLEANERS/DEGREASERS



These general-purpose electronics and electrical cleaners remove a wide variety of contaminants including oil, grease, oxides, handling soils, plus flux and coatings from PC boards, cable splices, control systems, office equipment, and motors. All aerosol/BrushClean™ products feature the All-Way spray valve.

Mfg. part nos. ES7100 and ES7101. Electro-Wash® CZ is the non-ozone depleting, nonflammable cleaner safe for use on plastics. Contains CROZANE™ CFC replacement chemistry based on HFE technology from 3M. Also available in 1-gallon quantities, go online or call.

Mfg. part no. ES6100. Electro-Wash VZ® is an economical, non-ozone depleting, non-flammable universal cleaner and degreaser.

Mfg. part no. ES1675. Electro-Wash® PN, is a nonflammable cleaner/degreaser safe for use on plastics. Contains HCFC-141b.

Mfg. part no. ES1678. New and Improved Electro-Wash® PN, is a nonflammable cleaner degreaser safe for use on plastics. 141b-free; contains HCFC-225.

Mfg. part nos. ES1210 and ES110. Electro-Wash® PX, are extra-strength universal cleaner/degreasers safe for use on plastics. It's flammable and ozone-safe.

Mfg. part no. ES810. Electro-Wash® PX, is a one-step buffer gel removal cleaner, ideal for fiber-optic connectors and cables.

Mfg. part no. ES1603. Electro-Wash® PR, is a regular-strength cleaner safe for use on plastics. It's flammable and ozone-safe.

Mfg. part nos. ES1611 and ES2211. New and Improved Electro-Wash® NX, are extra-strength, nonflammable cleaner degreasers. 141b-free; contain HCFC-225.

Mfg. part nos. ES1607 and ES107. Electro-Wash® NXO is an ozone-safe, nonflammable, extra-strength universal cleaner/degreaser. Test on plastics. Also available in 1-gallon quantities; go online or call.

Mfg. part no. ES1614. New and Improved Electro-Wash® NR, is a regular-strength, nonflammable cleaner degreaser. 141b-free; contains n-propyl bromide.

Mfg. part no. ES1621. Electro-Wash® MX, is an extra-strength plastic-safe universal cleaner with a moderate evaporation rate. Ideal for cleaning contamination from semiconductive cores of high voltage cables.

Mfg. part no. ES1137. the Mighty Liquid™, is a powerful universal cleaning solvent.

Mfg. Part No.	Description	Size	Stock No.	Price Each
				1-4
● ES7100	Electro-Wash® CZ	12 oz.	00Z1585	53.64
● ES7101	Electro-Wash® CZ	1 gallon	05H4030	741.47
● ES6100	Electro-Wash® VZ	12 oz.	97H7680	24.44
● ES1675	Electro-Wash® PN	12 oz.	00Z1808	34.55
● ES1678	New and Improved Electro-Wash® PN	12 oz.	97C8418	41.53
● ES1210	Electro-Wash® PX Contact Cleaner	12.5 oz.	00Z1138	25.02
● ES110	Electro-Wash® PX	1 gallon	50B1925	64.13
● ES810	Electro-Wash® PX	5 oz.	49H7680	13.69
● ES1603	Electro-Wash® PR	10 oz.	00Z1535	14.64
● ES1607	Electro-Wash® NXO	12 oz.	00Z1941	53.95
● ES107	Electro-Wash® NXO	1 gallon	92B1464	684.42
● ES1611	New and Improved Electro-Wash® NX	12 oz.	97C8412	33.55
● ES2211	New and Improved Electro-Wash® NX	18 oz.	31K9861	49.31
● ES1614	New and Improved Electro-Wash® NR	12 oz.	97C8415	19.72
● ES1621	Electro-Wash® MX Cleaner Degreaser	10.8 oz.	49H7679	23.29

(7428)

New products added weekly

(116880)

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

CONTACT CLEANERS/LUBRICANTS



Contact cleaners remove oily carbon soils, greases, and oxides from contact surfaces. Use in all phases of electronics and electrical contact maintenance, including metal contacts, plastic embedded contacts, relays, breakers, and controls. All aerosol products feature the All-Way spray valve.

Mfg. part no. ES7300. Pow-R-Wash™ CZ, is an ozone safe, nonflammable cleaner safe for use on powered-up contacts and surrounding plastics. Contains Cirozane™ CFC replacement chemistry based on HFE technology from 3M.

Mfg. part no. ES 6300 Pow-R-Wash™ VZ, is an economical non-ozone depleting, nonflammable contact cleaner safe for use on live circuits.

Mfg. part no. ES1677. New and Improved Pow-R-Wash™ PN, is a nonflammable contact cleaner safe for use on powered-up contacts and surrounding plastics. 141b-free; contains HCFC-225.

Mfg. part no. ES1612. New and Improved Pow-R-Wash™ NX, is an extra-strength, nonflammable contact cleaner that quickly removes soils and oxides. 141b-free; contains n-propyl bromide.

Mfg. part no. ES1613. New and Improved Pow-R-Wash™ NR, nonflammable contact cleaner that quickly removes soils and oxides. 141b-free; contains n-propyl bromide.

Mfg. part no. ES1605. Pow-R-Wash™ PR, is a regular-strength, flammable contact cleaner that is safe for use on plastics. Ozone-safe.

Mfg. part no. ES1626. DPL® Lubricant, can be used to clean, protect, and lubricate all electrical and electronic switches, contacts, relays, plugs and sockets. Safe on plastics, inhibits corrosion and reduces friction.

Mfg. part no. ES1629. New and Improved Contact Restorer, is a 1-step contact cleaner and lubricant. 141b-free; contains n-propyl bromide.

Mfg. Part No.	Description	Size	Stock No.	Price Each
				1-4
● ES7300	Pow-R-Wash™ CZ	12 oz.	00Z1589	51.29
● ES6300	Pow-R-Wash™ VZ	12 oz.	97H7682	21.29
● ES1677	New and Improved Pow-R-Wash™ PN	12 oz.	97C8417	38.81
● ES1612	New and Improved Pow-R-Wash™ NX	12 oz.	97C8413	32.94
● ES1613	New and Improved Pow-R-Wash™ NR	12 oz.	97C8414	17.82
● ES1605	Pow-R-Wash™ PR	10 oz.	00Z1538	13.39
● ES1626	DPL® Lubricant	11 oz.	84K7728	9.40
● ES1629	New and Improved Contact Restorer® Cleaner Lubricant	12 oz.	97C8416	24.84

(7590)

SWABS



CHAMOIS TIPS™

For cleaning audio/video heads and optical pick-ups. Sold in bags of 50.

Mfg. Part No.	Description	Stock No.	Price Each
			1-4
● CC50	3/4", ABS Handle, 3/8"W x 7/8"L x 1/8" Thick Head; Flexible Handle	97F7566	47.16

FOAMTIPS™

Highly absorbent precision cleaning swabs with 100 ppi polyurethane foam heads. They come in a variety of head sizes and shapes. Sold in bags of 50.

● CF1050	5", Polypropylene Handle, 13/16"W x 1"L x 3/8" Thick Rigid Head	50F9478	25.14
● CF2050	5 1/8", Polypropylene Handle, 1/2"W x 1"L x 1/16" Thick Rigid Head	50F9490	28.35
● CF3050	6", Polypropylene Handle, 1/4"W x 3/4"L x 1/4" Thick Rigid Head	50F9475	24.94
● CF4050	2 7/8", Polypropylene Handle, 3/16"W x 1/2"L x 3/16" Thick Rigid Head	50F9489	22.36

FLEXTIPS™

Flexible 100 ppi polyurethane foam head for cleaning optics and confined areas. Sold in bags of 50.

● CX50	4 7/16", Polypropylene Handle, 1/4"W x 3/4"L x 13/16" Thick Rigid Head	50F9476	34.66
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➤ CONTINUED ➤

CHEMICAL CLEANERS & ACCESSORIES

SWABS (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
Double-head 100% pure pharmaceutical-grade bleached white cotton swabs for general cleaning applications. Sold in bags of 100.				
● CT100	6", Wood Handle, 3/16" W x 5/8" L x 3/16" Thick Rigid Single Head	96B1615	4.66	
● CT200	6", Wood Handle, 3/16" W x 5/8" L x 3/16" Thick Rigid Double Head	50F9487	4.88	

(7504)

COVENTRY™ SEALED POLYESTER SWABS



36060

Exceptionally clean swabs produced by Coventry's proprietary thermoforming process. Swabs are acid and solvent resistant without loose fibers or particulate. Sealed edges build in extra strength with no loose fibers or particulate. Sold in packages of 500.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
● 36060	6" Polypropylene Handle, 0.21" Sealed Polyester Head Swab	16C7345	143.06	
● 36060ESD	6" Polypropylene ESD Handle, 0.21" Sealed Polyester Head Swab	97C8514	168.45	
● 38040	2.7" Polypropylene Flexible Tip Handle, 0.12" Sealed Polyester Head Swab	91B0463	76.43	

(64981)

FIBER-OPTIC SWABS



Ideal precision swab for cleaning 2.5mm fiber-optic connectors. Specifically designed head conforms to the connector face. Its wrapped foam provides outstanding particle entrapment and is free of fibers, adhesives and binders leaving no residue. Works well as a solvent applicator because of a wicking action that quickly pulls solvent from surfaces. U.S. Patent numbers 6523908 and 6393651, and foreign patents.

2.5MM FIBER OPTIC CLEANING SWAB

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
● 25184	Pkg. of 5	17C1843	6.50	
● 25183	Pkg. of 100	17C1846	136.73	

The ideal tool for cleaning contamination from 1.25 mm fiber optic sleeves and polishing pucks. Specifically designed to fit snugly and conform to all 1.25 mm mating sleeves, adapters and slurry polishing fixtures. Free of seams and hard surfaces.

1.25MM FIBER OPTIC CLEANING SWAB

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
● 25123X	Pkg. of 100	49H7706	137.52	

(64376)

COVENTRY™ SEALED FOAM SWABS



41050

41050ESD

43170

44070

44070ESD

48040

Most cost-efficient swabs for general-purpose applications. 100 PPI reticulated medical grade foam provides excellent particle entrapment. The open cell structure gives the best solvent holding ability of any style swab. These swabs are adhesive and binder free, and the fiberless construction does not generate particles. Sold in bags of 500.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
● 23110	6" Wood Handle, .50 Head Pack Foam Over Cotton Swabs	25H8339	168.72	
● 41050	2.8" Polypropylene Handle, 0.14" Sealed Foam Head Swab	16C7316	59.40	
● 41050ESD	2.8" Polypropylene ESD Handle, 0.14" Sealed Foam Head Swab	16C7350	120.74	
● 43170	6" Wood Handle, 0.35" Foam Over Cotton Head Swab	97C8515	116.74	
● 44070	3.2" Polypropylene Handle 0.13" Sealed Foam Pointed Head Swab	16C7352	63.14	

➔ CONTINUED ➔

COVENTRY™ SEALED FOAM SWABS (CONT.)

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
● 44070ESD	3.2" Polypropylene ESD Handle 0.13" Sealed Foam Pointed Head Swab	16C7346	120.74	
● 48040	2.7" Polypropylene Flexible Tip Handle, 0.12" Sealed Foam Head Swab	97C8516	75.35	

(64980)

COVENTRY™ WRAPPED FOAM SWABS



20050

21050

20080

These swabs provide good particle entrapment and work well as solvent applicators. The small tips allow use in very tight tolerance areas. With the most durable head of any foam swabs, wrapped foam delivers superior abrasion resistance for removal of tough contaminants. Wicking action pulls solvent from surfaces. Sold in packages of 500

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	
● 20050	3" Wood Tapered Handle, 0.12" Foam Wrapped Head Swab	97C8511	109.16	
● 20080	3" Wood Tapered Handle, 0.11" Foam Wrapped Head Swab	97C8512	116.02	
● 21050	3" Nylon Tapered Handle, 0.14" Foam Wrapped Head Swab	16C7306	126.06	

(64983)

G3 CLEANERS



Blue Shower G3 Cleaner/Degreaser 1630 Series



Flux Remover G3 with Brush Attachment 1631 Series



Flux Remover G3 1631 Series



Contact Cleaner G3 1632 Series



No-Clean Flux Remover 1634 Series

- Superior HCFC-141b replacement
- Powerful and non-flammable
- Non-Ozone Depleting
- Nonflammable
- Safe on Most Plastics
- Rapidly Evaporating
- Works with Lead-Free Soldering Process
- Mfg. Part No. 1630-16S - Ford Tox #167818
- Mfg. Part No. 1631-16S - Ford Tox #167834
- Mfg. Part No. 1632-16S - Ford Tox #167835
- Mfg. Part Nos. 1630-16S and 1632-16S pass Boeing spec D6-17487 rev P

G3™ Solvents are designed as direct replacements for all cleaner/degreasers, flux removers, and contact cleaners containing HCFC-141b. Mfg. part no. 1630-16S Blue Shower® G3™ is an innovative blend designed for precision cleaning of polar and non-polar soils including hand and solder oils, greases, silicones, fluxes and other similar contaminants. Mfg. part no. 1631-16S Flux Remover G3™ is designed specifically for removing R, RA, RMA and SA type flux residues after high temperature reflow. Mfg. part no. 1634-16S No-Clean Flux Remover G3 cleans tough-to-clean white residues left from no-clean flux. Mfg. part no. 1632-16S Contact Cleaner G3™ is the optimal choice for removing oils, greases, silicones, dirt and grime from all types of switches, relays, contact pads and other electrical connections. Mfg. part no. 1635-20S Industrial Maintenance Cleaner is for cleaning all types of switches, relays, contact pads, and other electrical connections.

Mfg. Part No.	Description	Size	Stock No.	Price Each	
				1-4	
● 1630-10S	Blue Shower G3 Cleaner/Degreaser	10 oz	33K2569	17.36	
● 1630-16S	Blue Shower® G3™ General Purpose Cleaner/Degreaser	16 oz	81C8423	22.52	
● 1631-5S	Flux Remover G3	5 oz	86H3843	14.21	
● 1631-10S	Flux Remover G3	10 oz	33K2570	16.57	
● 1631-16S	Flux Remover G3	16 oz	81C8424	21.45	
● 1632-10S	Contact Cleaner G3	10 oz	33K2571	17.36	
● 1632-16S	Contact Cleaner G3™ General Purpose Contact Cleaner	16 oz	81C8425	22.58	
● 1634-12S	No-Clean Flux Remover G3™	12 oz	97H2095	20.20	
● 1637-G	Universal Cleaner G3	1 gal	10J6816	235.25	

➔ CONTINUED ➔

CHEMICAL CLEANERS & ACCESSORIES

G3 CLEANERS (CONT.)

Mfg. Part No.	Description	Size	Stock No.	Price Each
● 1638-G	Flux Remover G3	1 gal	92H5286	260.01
● 1635-20S	Industrial Maintenance Cleaner G3	20 oz	59M9293	19.10

(72172)

ECOLINE CLEANERS



Ecoline Cleaner/Degreaser 1620 Series



Ecoline Flux Removers 1621 Series



Ecoline Contact Cleaner 1622 Series

Features

- Non-Ozone depleting
- Safe-On Plastics
- Rapidly Evaporating
- Works with Lead-Free Soldering Process

Hydrocarbon cleaners that are economical but flammable. Ecoline Cleaner/Degreaser, **1620 series**, is designed for cleaning of polar and non-polar soils including hand and solder oils, greases, silicones, fluxes and other similar contaminants. Ecoline Flux Remover, **1621 series**, dissolves type R, RMA, SA and most no-clean fluxes. It can also be used for the removal of light oils, silicones, waxes, greases, and other similar contaminants. Ecoline Contact Cleaner, **1622 series**, removes oils, greases, silicones and dirt from all types of switches, relays, contact pads and other electrical connections.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● 1620-10S	Ecoline Cleaner/Degreaser	10 oz	10J6813	12.67
● 1621-5G	Ecoline Flux Remover	33 lb	10J6815	188.62
● 1621-10S	Ecoline Flux Remover	10 oz	10J6814	12.91
● 1622-10S	Ecoline Contact Cleaner	10 oz	78H3678	12.23
● 1622-13S	Ecoline Contact Cleaner	13 oz	33K2606	13.78

(34287)

KLEEN-IT™ G3® CLEANER/LUBRICANT



- Non-Flammable
- Cleans and Lubricates
- Silicone Lubricant
- Stops Corrosion

A cleaner/lubricant formulated to quickly penetrate and flush away grease, dirt, oil, dust, and oxidized surface metals. Leaves a thin protective coating of silicone to lubricate and protect against corrosion.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● 2421-12S	Kleen-It™ G3® Cleaner/Lubricant	12 oz.	68K7386	20.30

(82407)

SILICONE LUBRICANT



2420-10S

- Displaces Moisture
- Penetrates Rapidly
- Loosens Corroded Parts
- Prevents Corrosion
- Safe on Plastic
- Non-Ozone Depleting

Mfg. part no. **2420-10S** is specifically formulated to lubricate, protect and waterproof mechanical devices found in electrical and electronic equipment.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● 2420-10S	SLIC™ Silicone Lubricant	10 oz.	70K9009	14.31

(85179)

AK225 HIGH PRECISION CLEANERS



1660-6S No-Clean Flux Remover w/ Brush



1665-8S Flux Remover AMS 8oz Aerosol



1667-8S Blue Shower II Cleaner/Degreaser



1668-8S Contact Cleaner II

- Non-Flammable
- Safe on Plastics
- VOC exempt/Low VOC
- Rapid evaporation
- Zero residue

High-precision, high-performance cleaners. Mfg. part no. **1667** Blue Show II Cleaner/Degreaser is designed for cleaning of polar and non-polar soils including hand and solder oils, greases, silicones, fluxes and other similar contaminants. Mfg. part no. **1665** Flux Remover AMS removes R, RA, RMA and SA type flux residues after high-temperature reflow. Mfg. part no. **1660** No-Clean Flux Remover cleans tough-to-clean white residues left from no-clean flux. Mfg. part no. **1668** Contact Cleaner II removes oils, greases, silicones and dirt from all types of switches, relays, contact pads and other electrical connections.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● 1660-6S	No-Clean Flux Remover w/ Brush	6 oz.	07J7028	16.85
● 1665-8S	Flux Remover AMS	8 oz.	00Z1976	18.29
● 1665-8S	Flux Remover AMS	6 oz.	00Z1976	18.29
● 1667-8S	Blue Shower II Cleaner/Degreaser	8 oz.	00Z1977	22.42
● 1667-18S	Blue Shower II Cleaner/Degreaser	18 oz.	00Z1978	33.22
● 1668-8S	Contact Cleaner II	8 oz.	00Z1979	18.38

(34294)

CONFORMAL COATING



Silicone Conformal Coating



Acrylic Conformal Coating



Urethane Conformal Coating

- Silicone, **2102 series**, protects against moisture, thermal shock, chemicals
- Acrylic, **2103 series**, hard coating, used on aviation components
- Urethane, **2104 series**, protects against chemicals

Conformal coatings are designed to spray directly on printed circuit boards and protect them from the environments. Each Fine-L-Kote product is intended for different conditions and contain Opti-Scan for black light QC inspection.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● 2102-12S	Silicone Conformal Coating	12 oz.	10J6915	26.70
● 2103-12S	Acrylic Conformal Coating	12 oz.	68K7372	22.79
● 2104-12S	Urethane Conformal Coating	12 oz.	10J6920	24.82

(34289)

TURBO-COAT™ ACRYLIC CONFORMAL COATING



Just Added



2108-12S



2108-G

- Ultra-fast cure — dry to touch in three minutes!
- Thick coating — one-pass application
- High dielectric strength
- Fast and easy rework and repair
- Crystal clear, glossy finish
- UV indicator for black light QC inspection
- Toluene- and xylene-free
- IPC-CC-830 and MIL-I-46058C tested
- UL94 V-0 rated

Turbo-Coat™ acrylic conformal coating is designed to speed up board production throughout without additional investment of expensive UV systems. Dries tack-free in three minutes, allowing board handling in one-third the time of other acrylic coatings. Full cure can be reached as quickly as 10 minutes with elevated temperatures. Easy-to-use Turbo-Coat™ can be sprayed, brushed-on or boards can be dipped directly into the coating for a thicker layer of protection against moisture, static and thermal shock.

Mfg. Part No.	Container Type	Size	Stock No.	Price 1-4
● 2108-12S	Aerosol Spray with Adjustable Sprayhead	12 oz.	94M4715	22.66
● 2108-P	Glass Bottle	1 pint	96M0443	28.51
● 2108-G	Metal Pail	1 gal.	96M0442	146.28
● 2108-5G	Metal Pail	5 gal.	96M0444	579.06

(116818)

CHEMICAL CLEANERS & ACCESSORIES

DUSTERS/FREEZERS



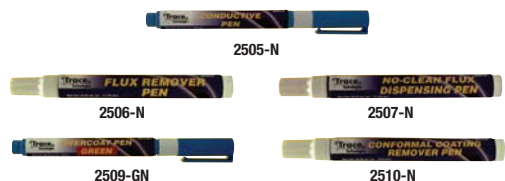
- Moisture-Free
- Non-Flammable, (except mfg. part no. 1673-10S)
- Non-Ozone Depleting

HFC-134a dusters blow away microscopic contaminants, lint, dust, metallic oxide deposits and other soils that can cause heat build-up or shorts in sensitive electronics. **Mfg. part no. 1673-10S** environmentally friendly economy duster has 32% more sprays per can and powerful blast for quick dust removal. It should not be used around open flames or sparks. Vortex, **mfg. part no. 1697-10S**, and Vortex 360, **mfg. part no. 1697-8S**, blast at a much higher velocity. Vortex 360 can even spray upside-down for cleaning hard-to-reach places. Freezer, **mfg. part no. 1672-10S**, chills boards down to -62°F, for troubleshooting intermittently faulting capacitors, resistors, semi-conductors and other defective components. Anti-Static Freezer, **mfg. part no. 1747-10S**, chills boards down to -40°F and leaves behind a light anti-static residue to avoid static build-up.

Mfg. Part No.	Description	Size	Stock No.	Price Each	
				1-9	
● 1673-10S	Economy Duster	10 oz.	88K0924	8.28	
● 1671-8S	Duster	8 oz.	83K9724	13.60	
● 1671-10S	Duster	10 oz.	00Z1980	9.02	
● 1671-15S	Duster	15 oz.	00Z1981	14.10	
● 1672-10S	Freezer	10 oz.	00Z1982	18.36	
● 1672-15S	Freezer	15 oz.	58K0004	25.22	
● 1747-10S	Anti-Static Freezer	10 oz.	00Z1983	21.12	
● 1747-15S	Anti-Static Freezer	15 oz.	58K0005	29.00	
● 1697-10S	High Velocity Duster	10 oz.	14C8044	20.17	
● 1697-8S	High Velocity 360° Duster	8 oz.	14C8045	17.64	

(34293)

TRACE TECHNOLOGY BOARD REPAIR/REWORK PENS



Mfg. part no. 2505-N designed to quickly make highly conductive silver traces. **Mfg. part no. 2505-N** provides a convenient method for touch-up cleaning of flux residues. **Mfg. part no. 2507-N** designed to dispense no-clean flux in the high precision applications of prototype and rework/repair of printed circuit boards. **Mfg. part no. 2509-GN** is designed to insulate printed circuit board traces and components against high voltage arcing. **Mfg. part no. 2510-N** quickly and precisely removes most conformal coatings.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	
● 2505-N	Conductive Pen	69K4414	24.12	
● 2506-N	Flux Remover Pen	10J7017	9.97	
● 2507-N	No-Clean Flux Dispensing Pen	68K7393	7.84	
● 2509-GN	Overcoat Pen -Green	26C1581	16.63	
● 2510-N	Conformal Coating Remover	68K7396	8.61	
● 2512-K	Kit of All Pens in Handy Case	68K7397	67.89	

(68651)

World-class website

- Fast, intuitive search
- Real-time availability
- Complete order history

(116879)

ISOPROPYL ALCOHOL (IPA) ULTRA-PURE CLEANER/DEGREASER



Ultra-pure isopropyl alcohol for general-purpose cleaning. Also suitable as a thinner for pre-saturated flux.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-9	
● 1610-100DSP	Isopropyl Alcohol Wipes, 100 Wipes	25C4466	28.73	
● 1608-100BX	Presaturated Wipes, C-Fold, 100 Wipes	11N6631	26.84	
● 1610-G4	Isopropyl Alcohol, 1 Gallon Container	34C2848	29.75	
● 1610-50PK	Presaturated Wipes, 50 Wipes	98H3675	26.46	
● 1610-P	Isopropyl Alcohol, 1 Pint	10J6809	11.69	
● 1610-PT	Isopropyl Alcohol, 1 Pint Trigger Spray	68K7280	15.02	

(34292)

TECH CLEAN® CARD



- Credit Card Size 2 1/4" x 3 3/4"
- Non-Abrasive
- Safe on Plastics
- Zero Residue



A one-time use, pre-saturated card to remove dirt, magnetic oxides, and other contaminants from credit card readers, ATM's/POS terminals, and other magnetic or photocard reading apparatus. 50 pre-saturated cards per carton.

Mfg. Part No.	Description	Size	Stock No.	Price Each	
				1-9	
● 1603-50PK	Pre-saturated Cleaning Card	50 pk.	99B3532	96.41	

(68654)

TECHNICAL SWABS



COTTON SWABS

Mfg. Part No.	Description	Package Size	Stock No.	Price per Pkg.	
				1-9	
● 2300-100	Double Tipped Cotton Swabs	100	48F2295	4.14	
● 2300-1000	Double Tipped Cotton Swabs	1000	33K2634	35.70	
● 2301-100	Single Tipped Cotton Swab	100	68K7376	3.81	
● 2301-1000	Single Tipped Cotton Swab	1000	06H2871	24.62	
● 2313-30	Double Tipped, Pointed Cotton Swab	30	95C0471	6.59	

FOAM SWABS

Polyurethane foam head has excellent absorbency with minimum contamination. Foam structure prevents contamination and fraying.

➤ CONTINUED ➤

CHEMICAL CLEANERS & ACCESSORIES

TECHNICAL SWABS (CONT.)

Mfg. Part No.	Description	Package Size	Stock No.	Price per Pkg.
● 2303-50	Heat Sealed Foam Tip	50	68K7377	20.43
● 2306-50	Super Tip Foam Techswab	50	26K1254	19.26
● 2307-50	Flexible Tip Foam Techswab	50	68K7378	29.59

(56070)

LCD AND PLASMA SCREEN CLEANER AND WIPES



Just Added

- Safe on sensitive surfaces, including non-glare
- Ammonia- and alcohol-free cleaner
- Wipes clean and polishes — wet or dry
- Scratch- and streak-free



1605-6FP



2368-2

Mfg. part no. 1605-6FP spray cleaner is specially designed to clean sensitive surfaces including non-glare LCD and plasma screen. Gel formula will not run down into sensitive equipment. Easy-to-use finger-pump spray bottle. Best if used with mfg. part no. 2368-2 dry cleaning wipes; ordered separately below. These soft, low-lint microfiber terry cloth wipes are effective wet or dry. Ideal for cleaning and polishing LCD and plasma screens, plexi-glass, chrome, and other sensitive surfaces. Buffs surface to a shine with or without cleaner. Washable (avoid fabric softener). Wipe size: 16x16" with hemmed edges. Sold in packages of two wipes.

Mfg. Part No.	Description	Size	Stock No.	Price 1-4
● 1605-6FP	LCD and Plasma Screen Cleaner	6 oz.	66M8532	5.01
● 2368-2	LCD and Plasma Screen Cleaning Wipes	Pkg. of 2	11N6633	7.17

(116817)

TECH BRUSHES



2032-1



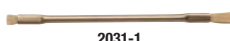
2042-1



2022-1



2021-1



2031-1



2027-1



2033-1



2040-1



2020-1



2043-1

Mfg. Part No.	Description	Stock No.	Price Each
			1-9
● 2032-1	1/2" x 3/8" Horse Hair – Metal Handle	80K6222	9.28
● 2042-1	1 3/8" x 3/8" Horse Hair – Metal Handle	68K7335	22.57
● 2022-1	2 1/8" x 7/8" Hog Hair – Wood Handle	68K7330	10.27
● 2021-1	1 3/8" x 1/4" Hog Hair – Wood Handle	68K7329	5.05
● 2031-1	1/4" x 3/16" Horse Hair – Metal Handle	68K7332	9.67
● 2027-1	7/8" x 3/8" Hog Hair – Wood Handle	68K7331	8.36
● 2033-1	7/16" x 3/8" Horse Hair – Metal Handle	68K7333	7.02
● 2040-1	1 3/8" x 1/8" Horse Hair – Metal Handle	68K7334	12.50
● 2020-1	1 3/8" x 1/4" Horse Hair – Metal Handle	68K7328	3.52
● 2043-1	1 3/16" x 3/8" Stainless Steel – Metal Handle	68K7336	23.21

(68653)

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"It's easy to do business with Newark online or by phone."

(116883)

● Indicates RoHS Compliant

SPECIALTY CLEANING PRODUCTS



Adhesive Residue Remover 1613-6S



Glass Cleaner 1625-18S

RUBBER REJUVENATOR

Cleans and revitalizes rubber, rollers and platens.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● 1612-2SQ*	Rubber Rejuvenator/Platen Cleaner, squeeze bottle container	2oz	00Z1958	8.06

LABEL AND ADHESIVE REMOVER

Safely removes labels and adhesive gums.

● 1613-6S*	Label and Adhesive Remover	6 oz. Aerosol	00Z2014	12.14
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GLASS CLEANER

An outstanding product for the removal of hand oils, ink marks, dust, fingerprints, nicotine, syrup, carbon and other soils from CRTs, computer screens, windows, and other hard surfaces.

● 1625-18S	Glass Cleaner	18 oz. Aerosol	98B7790	4.56
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* Not for sale in California due to CARB regulations. (34290)

LICRON™ PERMANENT STATIC DISSIPATIVE COATING



Just Added

- Provides Excellent Adhesion to Metal, Plastics, Paints and Most Other Surfaces
- Operates From 0 - 100% Humidity and is Translucent
- Cured Coating is Durable, Will Not Chip and Maintains 10⁷ - 10⁹ Conductivity
- Coats 200ft²



Using Licron permanent static dissipative coating eliminates the need for replacing non-ESD safe objects. Can be used to treat non-ESD safe bins, totes, tools, etc. Can help work areas meet ANSI/ESD-S20.20 standards.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● 1756-8S	Crystal Clear Static Dissipative Coating	8 oz.	59M9294	34.13

(101624)

ZERO CHARGE® ESD CLEANING PRODUCTS AND COATINGS



1702 Lotions



1720 Floor Coating



1743 Screen and Keyboard Wipes



1743 Screen and Keyboard Liquid

ESD programs maintain an equal electrostatic potential, avoiding ESD damage. Household and industrial surface cleaners often contain waxes and brighteners that can ruin the ESD properties of ESD-safe mats and other surface areas. These ESD-safe products can help work areas meet ANSI/ESD-S20.20 standards.

Mfg. Part No.	Description	Size	Stock No.	Price Each
● 1702-8FP	Anti-Static Lotions in Plastic Bottle with Finger Pump	8oz	33K2643	6.52
● 1702-G	Anti-Static Lotions	1 Gallon	68K7284	53.13
● 1720-G	Static Dissipative Floor Coating	1 Gallon	01C1846	63.49
● 1721-5G	Zero Charge Floor Stripper in Plastic	5 Gallon	10J6840	125.06
● 1722-G	Floor Cleaner/Neutralizer	1 Gallon	68K7286	35.71
● 1743DSP	Pre-Saturated Anti-Static Screen and Keyboard Cleaner Wipes in Pop-Up Container	48 Wipes	96B1740	15.06
● 1743-50PK	Pre-Saturated Anti-Static Screen and Keyboard Cleaner Wipes in Individual Packets	50 Wipes	00Z1988	23.77
● 1743-QT	Anti-Static Screen and Keyboard Cleaner w/ Trigger in Plastic	1 Quart	81H3814	17.42

(85016)

CHEMICAL CLEANERS & ACCESSORIES • ADHESIVE PRODUCTS

DUSTERS/FREEZERS



Formulated with HFC-134a. These products are non-flammable, moisture-free and non-ozone depleting. **Mfg. part no. SPC12778** is a duster and **mfg. part no. SPC12779** is a freezer.



Mfg. Part No.	Description	Size	Price Each	
			Stock No.	1-9
● SPC12778	Aerosol Duster	10	78H4044	12.49
● SPC12779	Aerosol Freezer	10	78H4045	12.79

(78922)

HOT MELT ADHESIVE APPLICATOR

Effective means of improving productivity, lowering costs, and conserving energy for product assembly and sealing needs. 1-year warranty.



Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	1-4
POLYGUN TC	Rugged, Reliable and Compact; Features "Touch Control" Feeding for Precise, Even Flow; 5-Minute Warm-Up; Operates at 385°F (196°C); Weight: 10 oz.	93F6941		115.91
POLYGUN EC	High Performance; Latest in Hand-Held Applicator Technology; Adhesive Delivery: 2.5 to 5.5 lbs./hr. Operates at 365°F (196°C)	95C2326		356.07
POLYGUN LT	Includes Quadrack™ Converter; Operates at 265°F (129°C); Ideal System for Wetting and Gimping, Bonding Fabric to Wood	95C2327		112.52

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AEROSOL SPRAY ADHESIVES



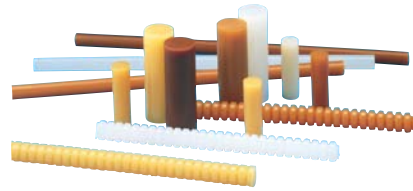
Spray 74 Spray 75 Spray 77

Mfg. part no. FoamFast 74 adhesive quickly bonds flexible urethane or latex foams to themselves and most other materials. **Mfg. part no. Spray 75** repositionable adhesive provides a clear, tape-like bond that adheres in seconds. Permits materials to be repositioned. Resists bleeding, staining, and wrinkling. **Mfg. part no. Super 77™** fast-drying transparent adhesive has high-tack, low-misting high coverage. For permanently attaching foils, carpeting, foams, paper, cardboard, etc., to painted or unpainted base materials. **Mfg. part no. Spray 80** neoprene-based adhesive with plasticizer resistance bonds vinyl, leather and most rubber. VOC content does not comply with the aerosol adhesive limits in the following California rules: SCAQMD Rule 1168, Ventura County Rule 74.20, and BAAQMD Rule 51. Consult other air quality provisions that may regulate product use. **Mfg. part no. 90** high contact strength, easy-to-use aerosol dries in just minutes. Low-misting lace spray for accurate application.

Mfg. Part No.	Description	Size (fl. oz.)	Price Each	
			Stock No.	1-4
● SPRAY 74 24OZ	FoamFast 74	24	95B3014	15.81
● SPRAY 75 16OZ	Repositionable 75	16	95B3015	14.45
● 77 SUPER	Super 77 Multipurpose	24	00Z1147	14.37
● 80 INDUSTRIAL SPRAY ADHESIVE	Rubber & Vinyl 80	24	95C2823	20.34
90	High Strength Adhesive	24	98M0084	19.52

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SCOTCHWELD™ HOT MELT ADHESIVES



Mfg. part no. 3798 LM Jet-melt™ "gummy-glue" low-melt adhesive is heat-applied and removable. Can be used on a wide variety of heat-sensitive substrates including most corrugated coated substrates. It's easy-to-use and obtains strength in seconds. Fast setting thermoplastic is tack-free and solvent-free. Applied at 265°F (129°C). Color: clear. Designed for application using a 3M™ Polygun™ LT applicator, *ordered separately on this page*. **Sold in 1-lb. pkgs..**

Mfg. part no. 3789 Q Scotch-Weld™ high-performance general-purpose hot-melt adhesive for bonding some flexible and rigid plastic substrates. Can be used with some supported and unsupported vinyls, leather, and wood substrates. Not recommended for polyolefins. Fast setting, thermoplastic. Applied at 385°F (196°C). Color: clear. Easily dispensed through 3M™ Polygun™ TC applicator, *ordered separately on this page*. **Sold in 1-lb. pkgs..**

Mfg. Part No.	Description	Stock No.	Price per Pkg.	
			1-4	1-4
● 3798-LM	Jet-Melt "Gummy-Glue" Low-Melt Adhesive	93K5584		27.13
● 3789 Q	Scotch-Weld High-Performance Hot-Melt Adhesive	26H2090		40.72

(33079)

SCOTCHWELD™ ADHESIVE EPX APPLICATOR AND NOZZLES



Scotch-Weld **mfg. part no. EPX** applicator simultaneously meters, mixes and applies 2-component adhesives and potting compounds. Duo-Pak cartridges, *order separately*, go *online or call*, snap into **mfg. part no. EPX** applicator. Squeezing trigger advances plunger, which forces the two components through patented nozzle that completely mixes them without introducing air. Sturdy metal construction. 90-day warranty.

Mfg. Part No.	Description	Stock No.	Price Each	
			1-4	1-4
● EPX APPLICATOR	Applicator	93F6943		50.32
● EPX NOZZLE BULK	Nozzle	93F6944		0.88

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SCOTCHWELD™ EPOXY ADHESIVE, DUOPACK



Fast-setting, room-temperature curing 2-part adhesive for bonding metals, ceramic wood, etc. Meets corrosion requirements of MIL-S-46163. All are 1.7 fl. ozs. For use with **mfg. part no. EPX** applicator.

Mfg. Part No.	Features	Stock No.	Price Each	
			1-4	1-4
● DP-100 CLEAR 1.7 FL OZ	Fast Cure; 15-20 Min. Handling Strength; 3-5 Min. Work Life	00Z1161		12.08
● DP-100+ CLEAR 1.7 FL OZ	Fast Cure; Water Clear; 3-5 Min. Work Life	95C2299		14.77
● DP-125 GRAY 1.7 FL OZ	Good Peel Strength; 25 Min. Work Life	95C2300		16.60
● DP-270 CLEAR 1.7 FL OZ	8-12 Hours Handling Strength; Electrical Grade; 70 Min. Work Life	00Z1163		12.96
● DP-270 BLACK 1.7 FL OZ	8-12 Hours Handling Strength; Electrical Grade; 70 Min. Work Life	00Z1164		12.96
DP-420	High Performance, Two-Part Epoxy Adhesive; 20 Min. Work Life	98M0044		16.43
● DP-605NS OFF-WHITE 1.7 FL OZ	Fast Cure; Semi-Rigid Urethane; Cap Filler and Non-Sag Product; 3-5 Min. Work Life	00Z1165		15.23
● DP-810 BLACK 1.7 FL OZ	8-12 Hours Handling Strength; Rigid Epoxy; 70 Min. Work Life	95C2301		14.81

EPX APPLICATORS

● EPX APPLICATOR	Applicator With Plunger	93F6943	50.32
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