



# Metcal Soldering/Desoldering

POWER. PRECISION. PERFORMANCE.

## METCAL MX-5000 Soldering and Rework Systems

Choose the system that best fits your needs

### MX-5010 Soldering/Rework System

**Includes:** Power supply (A), Metcal Advanced™ handpiece (B), MX-W1AV TipSaver workstand (F). Use with STTC cartridges for soldering lead-free, high mass components or boards; thermally sensitive components that require low temperatures, or high volume soldering and rework operations. Use with SMTC cartridges for conduction rework.

No. MEC-MX-5010 .....\$650.00

### MX-5020 Soldering/Rework System

**Includes:** Power supply (A), Metcal UltraFine™ handpiece (C), MX-W1AV TipSaver workstand (F). Use with UFTC cartridges for soldering and touch-up of very small components, restricted access or high density component packaging on a PCB.

No. MEC-MX-5020 .....\$675.00

### MX-5041 Precision Tweezers, Soldering/Rework System

**Includes:** Power supply (A), Metcal Advanced™ handpiece (B), MX-PTZ tweezers (D), MX-W4PT and MX-W1AV workstands for maximum flexibility.

No. MEC-MX-5041 .....\$1010.00

### MX-5050 Plated Through-Hole Component Desoldering System

**Includes:** Power supply (A), MX-DS1 desoldering handpiece (E) and MX-W5DS TipSaver workstand (F). Use with high mass STDC cartridges for very large ground plane or lead-free solder applications.

No. MEC-MX-5050 .....\$865.00

### MX-5051 Soldering, Desoldering and Rework System

Combines both the desoldering handpiece and the Advanced™ handpiece, creating a system that can solder, desolder and rework surface mount components. Also includes power supply (A), Metcal TipSaver workstands (F).

No. MEC-MX-5051 .....\$1050.00



**Specifications:**  
 Ambient Operating Temperature: 10-40°C  
 Maximum Enclosure Temperature: 55°C  
 Input Line Voltage: 100- 240 VAC, grounded circuit  
 Input Line Frequency: 50/60 Hz  
 Power Consumption: 125W

Cat. No.	Model	Description	Price
MEC-MX-H1GR	MX-H1GR	Advanced™ Grip, Ring Pattern	\$25.00
MEC-MX-H1GKG	MX-H1GKG	Advanced™ Grip, Knob Pattern	\$25.00
MEC-MX-H1GS	MX-H1GS	Advanced™ Grip, Scallop Pattern	\$25.00
MEC-MX-H2GR	MX-H2GR	UltraFine™ Grip, Ring Pattern	\$30.00
MEC-MX-H2GS	MX-H2GS	UltraFine™ Grip, Scallop Pattern	\$30.00
MEC-STTC-022	STTC-022	.016" Conical Sharp tip, 600 Series	\$22.60
MEC-STTC-025	STTC-025	.04" 30° Chisel Tip, 600 Series	\$22.60
MEC-STTC-026	STTC-026	.016" Sharp, Bent 30° Tip, 600 Series	\$22.60
MEC-STTC-036	STTC-036	.094" 30° Chisel Tip, 600 Series	\$22.60
MEC-STTC-037	STTC-037	.07" 30° Chisel Tip, 600 Series	\$22.60
MEC-STTC-038	STTC-038	.06" 30° Chisel Tip, 600 Series	\$22.60
MEC-STTC-040	STTC-040	.016" Sharp, Bent 30° Tip, 600 Series	\$22.60
MEC-STTC-044	STTC-044	.023" Sharp, Bent 30° Tip, 600 Series	\$22.60
MEC-STTC-045	STTC-045	.016" 60° Bevel Tip, 600 Series	\$22.60
MEC-STTC-117	STTC-117	.203" Extra Large Chisel Tip	\$22.60
MEC-STTC-122	STTC-122	.016" Conical Sharp Tip, 700 Series	\$22.60
MEC-STTC-126	STTC-126	.016" Sharp, Bent 30° Tip	\$22.60
MEC-STTC-136	STTC-136	.094" 30° Chisel Tip, 700 Series	\$22.60
MEC-STTC-137	STTC-137	.07" 30° Chisel Tip, 700 Series	\$22.60
MEC-STTC-138	STTC-138	.06" 30° Chisel Tip, 700 Series	\$22.60
MEC-STTC-140	STTC-140	.016" Sharp, Bent 30° Tip, 700 Series	\$22.60
MEC-STTC-144	STTC-144	.023" Sharp, Bent 30° Tip, 700 Series	\$22.60
MEC-STTC-145	STTC-145	.016" 60° Bevel Tip, 700 Series	\$22.60

Cat. No.	Model	Description	Price
MEC-TATC-501	TATC-501	TALON Needle Tip .015" tip, 500 Series	\$103.00
MEC-TATC-601	TATC-601	TALON Needle Tip .015" tip, 600 Series	\$108.15
MEC-TATC-602	TATC-602	TALON 0-.36" span Tip .25" tip, 600 Series	\$108.15
MEC-TATC-603	TATC-603	TALON .06"- .42" span Tip, .62" tip, 600 Series	\$108.15
MEC-SMTC-006	SMTC-006	Tunnel Cartridge for SOIC 14, 16, 600 Series	\$43.84
MEC-SMTC-060	SMTC-060	Blade Cartridge .410" Long, 600 Series	\$87.15
MEC-SMTC-160	SMTC-160	Blade Cartridge .410" Long, 700 Series	\$83.00
MEC-SMTC-061	SMTC-061	Blade Cartridge .620" Long, 600 Series	\$87.15
MEC-SMTC-161	SMTC-161	Blade Cartridge .620" Long, 700 Series	\$83.00
MEC-SMTC-062	SMTC-062	Blade Cartridge .870" Long, 600 Series	\$87.15
MEC-SMTC-162	SMTC-162	Blade Cartridge .870" Long, 700 Series	\$83.00
MEC-SMTC-0147	SMTC-0147	Hoof Type Multi Lead Cartridge, 600 Series	\$45.97
MEC-SMTC-1147	SMTC-1147	Hoof Type Multi Lead Cartridge, 700 Series	\$43.78
MEC-SMTC-0167	SMTC-0167	Mini-Hoof Multi Lead Cartridge, 600 Series	\$45.97
MEC-SMTC-114	SMTC-114	Quad Cartridge for PLCC-44, 700 Series	\$65.50
MEC-STDC-104	STDC-104	Desoldering Tip, I.D. 0.040", 700 Series	\$37.65
MEC-STDC-105	STDC-105	Desoldering Tip, I.D. 0.050", 700 Series	\$37.65

Call for a complete line of Metcal Tips and replacement parts

# Metcal Soldering/Desoldering

**METCAL**

## MX-500

### Soldering/Desoldering Rework Systems

MX-500 systems are flexible, fast and powerful. The soldering hand piece allows you to solder and rework SMT components with the appropriate tip cartridge. The short tip-to-grip distance, characteristic of the OKi hand piece, improves process precision, especially for fine-pitch applications. Features an automatic time-out for when the tip cartridge has not been used in the last 30 minutes. This will maximize the life of your tip cartridge. Tip cartridges sold separately.

All Metcal soldering products benefit from a revolutionary technology known as SmartHeat®. SmartHeat® technology harnesses the physical properties of a patented heating element, which guarantees total temperature control and is embedded in every Metcal soldering system via Metcal's patented replaceable tip cartridge concept.

**ALL FEATURE SMARTHEAT TECHNOLOGY!**



Power Supply & Stand

**Featuring the MX-PTZ Precision Tweezer Handpiece!**

**NEW!**

#### MX-500SPT Soldering and Rework Station

**Includes:** Two port power supply, soldering and precision tweezer handpieces, auto-sleep workstands, sponges and cartridge removal pads. Two port solder-rework system.

MX-500SPT – 100/120VAC  
No. MEC-MX-500SPT-11 .....\$950.00

#### Precision Tweezer Upgrade Kit

**Includes:** MX-PTZ handpiece and workstand  
No. MEC-MX-PTZ-AD-DS .....\$340.00

Precision tweezer handpiece only  
No. MEC-MX-PTZ .....\$280.00



MX-H1-AV Soldering Pencil Hand-Piece



MX-H2-UF UltraFine™ Hand-Piece



MX-PTZ Precision Tweezer Hand-Piece



MX-TALON Talon Hand-Piece



MX-DS1 Desoldering Hand-Piece

#### MX-500S Soldering/SMT Rework System

**Includes:** Two Port Switchable Power Supply, Soldering Pencil Hand-Piece with cord, Workstand, Sponge and Cartridge Removal pad.

MX-500S – 100/120VAC  
No. MEC-MX-500S-11 .....\$610.00

#### MX-500TS Soldering/SMT Rework System with Talon Handpiece

**Includes:** Two Port Switchable Power Supply with power cord, Talon Hand-Piece with cord, Workstand, Soldering Pencil Hand-Piece with cord, Workstand, Sponges (2) and Cartridge Removal Pads (2).

MX-500TS – 100/120VAC  
No. MEC-MX-500TS-11 .....\$999.00

#### MX-500DS Soldering/SMT Rework/Desoldering System

**Includes:** Two Port Switchable Power Supply with power cord, Desoldering Hand-Piece, Soldering Pencil Hand-Piece, Desoldering cord, ESD Air Hose with fitting, Workstands (2), Sponges (2), Cartridge Removal pad, Cleaning Brush, Tube Cleaning Brush, Chamber Liner and Filter package and Desoldering Tip cleaner.

MX-500DS – 100/120VAC  
No. MEC-MX-500DS-11 .....\$1010.00

#### UltraFine™ Hand-Piece

No. MEC-MX-H2-UF (MX-H2-UF) .....\$130.00

**SAME DAY SHIPPING!**  
Your local California Based Supplier

# OKi Soldering/Desoldering



## Use two handpieces at the same time! MFR-1100/2200 Series Single & Dual Output Soldering & Rework Systems

Your choice of four handpieces adds up to incredible flexibility for all your operations.

The 1100 series stations feature a single channel power supply and choice of handpiece. All stations are ESD-safe.

The 2200 series stations drive two handpieces simultaneously, which means full power is available for each handpiece in use. All stations are ESD-safe.

In both series SmartHeat® technology responds to the load, delivering the energy required for each connection while protecting components and substrates from damage. You enjoy a high degree of control without having to resort to the higher tip idle temperatures required by conventional ceramic heater technologies. Whether you're doing production soldering, touch-up or SMD rework, these systems deliver the high power and versatility you need.

All stations are ESD-safe. Tips Sold Separately.

### Handpieces & Stands

A. MFR-H4-TW precision tweezers remove the smallest components, such as 0201 packages. A double-sided pivot delivers true tweezer action and a dual-position pitch adjustment makes it easy to target components.

B. MFR-H6-SSC Soldering cartridge handpiece uses Metcal SSC soldering tip cartridges.

C. MFR-H2-ST 60W soldering tip handpiece uses replaceable heater tips rather than cartridges to significantly lower replacement costs. The unique two-piece design leaves the long-life heater coil in the handle, and lets you easily remove and replace just the tip. Most importantly, heater tip costs are comparable to conventional tips.

D. MFR-H1-SC 50W soldering cartridge handpiece uses interchangeable tip cartridges to suit the most demanding SMT removal and placement applications. Tip cartridges provide fast thermal performance and respond quickly to load demands. A small shaft diameter provides access to tightly cramped rework areas.



### MFR-1100/2200 Series Systems

Cat. No.	Model	Power Supply	Handpieces (Quantity)	Workstand (Quantity)	Price
MEC-MFR-1110	MFR-1110	Single	MFR-H1-SC (1)	WS1 (1)	\$350.00
MEC-MFR-1120	MFR-1120	Single	MFR-H2-ST (1)	WS1 (1)	\$335.00
MEC-MFR-1140	MFR-1140	Single	MFR-H4-TW (1)	WSPT (1)	\$453.00
MEC-MFR-1160	MFR-1160	Single	MFR-H6-SSC (1)	WS1 (1)	\$324.00
MEC-MFR-1161	MFR-1161	Single	MFR-H6-SSC (1) MFR-H1-SC (1)	WS1 (2)	\$470.00

Cat. No.	Model	Power Supply	Handpieces (Quantity)	Workstand (Quantity)	Price
MEC-MFR-2210	MFR-2210	Dual	MFR-H1-SC (1)	WS1 (1)	\$495.00
MEC-MFR-2211	MFR-2211	Dual	MFR-H1-SC (2)	WS1 (2)	\$641.00
MEC-MFR-2220	MFR-2220	Dual	MFR-H2-ST (1)	WS1 (1)	\$495.00
MEC-MFR-2222	MFR-2222	Dual	MFR-H2-ST (2)	WS1 (2)	\$641.00
MEC-MFR-2240	MFR-2240	Dual	MFR-H4-TW (1)	WSPT (1)	\$598.00
MEC-MFR-2241	MFR-2241	Dual	MFR-H4-TW (1) MFR-H1-SC (1)	WSPT (1) WS1 (1)	\$744.00



## MFR-1150 Single Output Desolder System with Venturi Workstand

This single output desoldering system provides a shop air option for all MFR series power supplies. The built-in venturi workstand provides 25 inHg (.85 Bar), which substantially increases desolder capability. MFR-H5-DS handpiece can be used as a pencil or as a pistol style by simply adding the clip-on grip supplied. 40% greater solder collection capabilities. Innovative replaceable collection chamber for reduced downtime and quicker changeover. Uses existing DxP desolder cartridges and replaceable coil assembly. Compatible with all MFR systems. **Includes:** power supply, desolder handpiece and venturi workstand. No. MEC-MFR-1150 .....\$545.00

### MFR-UK5 Upgrade Kit

Turns your existing MFR-1100, MFR-2200 series and older MFR systems into a state-of-the-art desoldering system. **Includes:** MFR-H5-DS desolder handpiece and universal workstand with venturi box. No. MEC-MFR-UK5 .....\$341.00



To Order:  
800•492•7726

To Order:  
858•679•8787

24 Hour Fax:  
858•679•8909



# OKi Soldering/Desoldering

## MFR-1300 Series Desoldering and Rework Systems

The next generation of standalone desoldering equipment from OK International features a new internal pump for powerful suction and SmartHeat® technology that makes through-hole desoldering easy while reducing the risk of board damage. Dual switchable output lets you operate one or two different handpieces for greater versatility.

The system includes the new MFR-H5-DS desoldering handpiece that converts from pencil to pistol style by simply adding the ergonomic snap-on grip supplied. New quick-change disposable collection chamber offers 40% greater capacity, less downtime and easy recycling of solder waste.

### MFR-1350

Includes: power supply, MFR-H5-DS desolder handpiece w/grip and cord, desolder workstand  
No. MEC-MFR-1350 .....\$665.00

### MFR-1351

Same as MFR-1350 plus: MFR-H1-SC soldering handpiece w/cord and soldering workstand  
No. MEC-MFR-1351 .....\$811.00



MFR-1351



MFR-1350



MFR-DC10

### Additional Handpieces for MFR 1100/1300/2200 Series

- A. MFR-H5-DS desoldering handpiece w/selectable grip and cord  
No. MEC-MFR-H5-DS .....\$146.00
- B. MFR-H1-SC soldering Cartridge Handpiece only  
No. MEC-MFR-H1-SC .....\$86.00
- MFR-UK1 soldering cartridge handpiece, WS1 workstand  
No. MEC-MFR-UK1 .....\$146.00
- MFR-H4-TW precision tweezer handpiece, WSPT workstand  
No. MEC-MFR-H4-TW .....\$249.00

- Disposable Collection Chamber  
No. MEC-MFR-DC10 \$12.75 10/pk.
- No. MEC-MFR-DC100 \$99.00 100/pk.

### Soldering Tips for the MFR Series

Cartridge Tips for Soldering/Rework Handpiece					
Tip	Cat No.	OkI No.	Style	Dimension	PRICE/Ea.
	MEC-SFP-BVL10-DS	SFP-BVL10	Bevel 60°, Long	0.04" (1.0mm)	\$18.00
	MEC-SFP-CH10	SFP-CH10	Chisel 30°	0.04" (1.0mm)	\$13.00
	MEC-SFP-CH15	SFP-CH15	Chisel 30°	0.06" (1.5mm)	\$13.00
	MEC-SFP-CH20	SFP-CH20	Chisel 30°	0.08" (2.0mm)	\$13.00
	MEC-SFP-CH25-DS	SFP-CH25	Chisel 30°	0.10" (2.5mm)	\$13.00
	MEC-SFP-CH50-DS	SFP-CH50	Chisel 30°	0.20" (5.0mm)	\$13.00
	MEC-SFP-CHB15-DS	SFP-CHB15	Chisel 30°, Bent	0.06" (1.5mm)	\$18.00
	MEC-SFP-CNB04	SFP-CNB04	Conical, Bent	0.016" (0.4mm)	\$13.00
	MEC-SFP-CNB05	SFP-CNB05	Conical, Bent	0.02" (0.5mm)	\$13.00
	MEC-SFP-CNL04-DS	SFP-CNL04	Conical, Long	0.016" (0.4mm)	\$13.00
	MEC-SFP-DRH05-DS	SFP-DRH05	Drag Hoof	0.02" (0.5mm)	\$25.00
	MEC-SFP-DRH15-DS	SFP-DRH15	Drag Hoof	0.06" (1.5mm)	\$25.00

### Desoldering Cartridges for the MFR Series

Desoldering Cartridges				
Tip	Cat No.	OkI No.	Dimensions	PRICE/Ea.
	MEC-DFP-CN4	DFP-CN4	0.04" (1.02mm) X 0.09" (2.3mm)	\$35.00
	MEC-DFP-CN7	DFP-CN7	0.095" (2.41mm) X 0.14" (3.6mm)	\$35.00

### Tips for Tweezer Handpiece

Tips for Precision Tweezer Handpiece					
Tip	Cat No.	OkI No.	Style	Dimension	PRICE/Ea.
	MEC-TFP-BLP-1-DS	TFP-BLP1	Blade	0.04" (1.0mm)	\$55.00
	MEC-TFP-BLP2-DS	TFP-BLP2	Blade	0.08" (2.0mm)	\$55.00
	MEC-TFP-CNP1-DS	TFP-CNP1	Conical	0.015" (0.4mm)	\$55.00
	MEC-TFP-BLH40	TFP-BLH40	Blade	0.25" (6.35mm)	\$70.00



## PS-900 Soldering System



Powered by SmartHeat® technology. Exceptional thermal control in a small benchtop footprint. Ideal for high thermal demand applications like lead-free soldering and multi-layer boards while operating at lower temperatures for more production and less damage. Uses SFV Series high-quality tips assuring low ongoing operating costs. Includes: power supply, handpiece with cord and coil assembly, workstand. Tips sold separately.  
No. MEC-PS-900 .....\$249.00

### PS-900 SFV Series Easy Access Soldering Heater Tips

Tip	Cat No.	Model No.	Shape	Dims. mm (inches)		PRICE
				Tip	A	
	MEC-SFV-CH10AR	SFV-CH10AR	Chisel	1.0 (.04")	13.7 (.54")	\$11.00
	MEC-SFV-CNL03AR	SFV-CNL03AR	Conical	0.3 (.01")	18.4 (.724")	\$11.00
	MEC-SFV-CNB04AR	SFV-CNB04AR	Conical	0.4 (.016")	19.6 (.77")	\$11.00
	MEC-SFV-CN05AR	SFV-CN05AR	Conical	0.5 (.02")	13.7 (0.53")	\$11.00
	MEC-SFV-CNL10AR	SFV-CNL10AR	Conical	1.0 (0.4")	15 (.59")	\$11.00
	MEC-SFV-CH18AR	SFV-CH18AR	Fine	1.8 (.07")	13.4 (.528")	\$11.00
	MEC-SFV-CH50AR	SFV-CH50AR	Chisel	5.0 (.197")	11.7 (.461")	\$11.00

### PS-900 Accessories

- Coil assembly  
No. MEC-PS-CA3 (PS-CA3) .....\$19.00
- Handpiece with cord and coil assembly  
No. MEC-PS-HC3 (PS-HC3) .....\$64.00
- Auto-sleep workstand  
No. MEC-WS2 black cradle .....\$30.00

**SAME DAY SHIPPING!**  
Your local California Based Supplier

# OKi Soldering/Desoldering

**OKi** Create Your Own System  
**MRS-1000 Modular Rework System**

Buy a complete system or buy only the components you need, it's your choice. MRS-1000 is an integrated convection rework system used to remove and place BGA/CSP and SMT components. It's made up of a handheld convection tool, preheater, and adjustable tool holder with board holder to create a manually-assisted rework system. A number of nozzles are available for a variety of applications. This easy-to-use, versatile and efficient system lets you program and store up to 50 profiles making it truly operator-friendly.

- Digital display for repeatable temperature settings and profile control
- Automatic preheater control for simple operation
- Easy profile creation for repeatability
- Integrated vacuum pickup for easy component removal
- Handheld or tool holder mounted for operator comfort
- Manual model for quick setup
- External thermocouple for process setup and verification
- X, Y, Z and Theta controls for component alignment
- Adjustable PCB holder for easy change outs
- Automatic vacuum lift off at end of cycle

### A. HCT-1000 Programmable Handheld Convection Tool

Fully programmable tool used to remove and place SMT components. Features digital controls, internal or external thermocouple feedback control, program storage and integrated vacuum pickup. Includes multiple modes of operation, including manual, and 4 zone heating.

### B. PCT-1000 Programmable Preheater

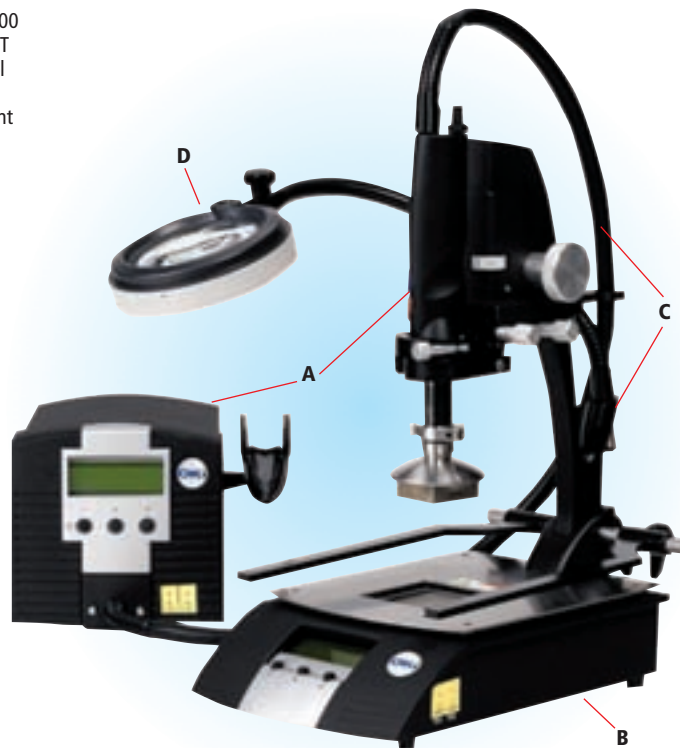
Lets you increase heat capacity with highly-controlled thermal output. Can be used for soldering, desoldering, SMD rework, and with its added heat capacity, gives faster production rates while lowering overall process temperatures. Includes 4 programmable heating zones and one cooling zone, and selectable time and temperature targets, to create a preheat thermal profile. The advanced heater controls the temperature at either the heater output or board.

### C. ATH-1000 Adjustable Tool Holder

Works with HCT-1000 or as part of the MRS-1000 system. Features a board holder, locking handpiece retainer, Z axis stop and mounting configurations for stand-alone operation or system operation. Sturdy and easy-to-attach. Choice of models - ATH-1000A Advanced Head Assembly with 4" Z axis adjustment, 1/2" fine adjustment of X and Y axis and 30° adjustment. ATA-1000B Basic Head assembly with 4" of Z axis adjustment.

### D. LM-1000 Light Magnifier

Integrated light and magnifier with 4x magnification and integrated LED lighting for shadow-free illumination. Use with MRS-1000 system or attach to ATH-1000 tool holder.



Cat. No.	Model	Description	Price
MEC-MRS-1000A	MRS-1000A	HCT-1000, PTC-1000, ATH-1000A & LM-1000	\$4830.00
MEC-MRS-1000B	MRS-1000B	HCT-1000, PCT-1000, ATH-1000B & LM-1000	\$4530.00
A MEC-HCT-1000	HCT-1000	Programmable Handheld Convection Tool	\$1795.00
B MEC-PCT-1000	PCT-1000	Programmable Preheater	\$1250.00
C MEC-ATH-1000A	ATH-1000A	Adjustable Tool Holder, Advanced Head (no base)	\$1295.00
C MEC-ATH-1000B	ATH-1000B	Adjustable Tool Holder, Basic Head (no base)	\$995.00
D MEC-LM-1000	LM-1000	Light Magnifier	\$290.00

## OKi HCT-900 Handheld Convection Tool

A low cost, versatile rework solution for a wide variety of production and rework application challenges. Compact design with analog controls for both airflow and heat. A closed loop feedback circuit controls temperature allowing the desired temperature to be achieved and maintained regardless of changes in the volume of airflow. The HCT-900 can be 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. HCT-900 is fully ESD compliant. A full range of nozzles are available. No. MEC-HCT-900-11.....\$550.00

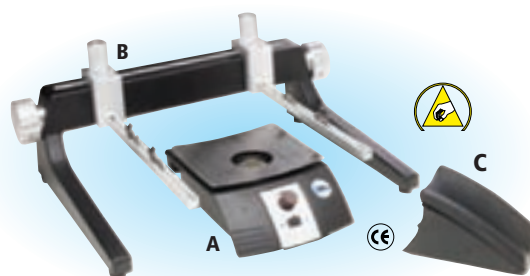


## OKi PCT-100 Pre-Heater Convection Tool

Accelerates and enhances lead-free rework. Uses convection air heat to maximize responsiveness and avoid temperature overshoot. Use with or without board holder for hand assembly or rework tasks on surface mount or through-hole assemblies. Unit eliminates thermal shock by following a controlled slope to a desired temperature. 10cfm fan fitted enhances both heating and cooling, reducing total cycle time.
 

- Adjustable knob controls temperature to below 300°C
- Thermocouple feedback temp control regulates output temperature
- Safety feature auto shuts off heating when fan is stopped
- ESD safe

 Can be used alone or combined with PCB holder and arm rest.



PCT-102-11 Pre-heater tool w/arm rest and board holder, 120VAC  
 No. MEC-PCT-102-11 .....\$595.00

PCT-100-11 Pre-heater convection tool only, 120 VAC  
 A. No. MEC-PCT-100-11-DS ....\$325.00

BH-100 Board Holder - PCB size 12" W max, 2.5"W min.  
 B. No. MEC-BH-100 ..... \$250.00

PCT-AR Arm rest  
 C. No. MEC-PCT-AR-DS .....\$65.00

# Weller Soldering Stations



Built from our customer's best ideas!

## WX SERIES Soldering Stations

A powerful new, easy-to-use soldering station with intelligent soldering tools and a number of innovations. **Features:** Quick heating time; Uses 200W tools or simultaneous use of two 120W tools; Anti-static glass touch screen; Intuitive user interface including turn-and-click wheel with entry key, finger guide and six touch keys; Multiple language menu navigation; Graphic LC display with easy-to-read blue LED back lighting; Display can be read all angles; Standard digital and decoupled robot connection; Two connections manage fume extraction units, heating plates and programmable logic controls; WX tool connection with tool recognition and digital data transfer; Separate pins for 12V and 24V; Multi-purpose USB port; Analog-to-digital converter and data memory; Calibration not required due to bit in soldering iron handle; Spring-loaded tip barrel with WXT 120 has anti-static soft grip and allows tips to be changed without tools; Energy-saving sleep mode on iron and all accessories with no special stop-and-go rest required.

### WX2 Soldering Stations

WX2020 Dual Soldering Station, (2) WXP 120 Soldering Iron, WDH10 Soldering Iron Holder w/WDC dry cleaner, 120V  
**No. WEL-WX2020.....\$755.19**

WX2021 Dual Soldering Station, WXMP Micro Soldering Iron, WXMP Micro Desoldering Tweezer, WDH50 Holder w/WDC dry cleaner for WMRP WDH60 Desoldering Tweezers & Stand, 120V  
**No. WEL-53422699 .....\$899.00**  
**No. WEL-WX2 WX2 Dual Digital Power Unit, 120V .....\$358.93**

**WX1 Soldering Stations** - The same great features as the WX2, with only 1 channel. WX1010 Soldering Station, (1) WXP 120 Soldering Iron, WDH 10 Soldering Iron Holder w/WDC dry cleaner, 120V  
**No. WEL-WX1010.....\$554.19**

WX1011 Soldering Station, WXMP Micro Soldering Iron, WDH 50 Holder w/WDC dry cleaner, 120 V  
**No. WEL-WX1011.....\$506.33**

WX1012 Soldering Station, WXP 65 Soldering Iron, WDH 50 Holder w/WDC dry cleaner, 120 V  
**No. WEL-WX1012.....\$477.61**  
**No. WEL-WX1 WX1 Digital Power Unit, 120V .....\$335.00**



### WXP 120

WXP Soldering Iron  
**No. WEL-52920199 .....\$190.47**

### WXP 200

WXP Soldering Iron, 200W  
**No. WEL-52920599 .....\$190.47**  
 WXP 200 Soldering Iron with WDH31 Stand  
**No. WEL-0052920699 ..\$238.33**  
 WXP 200 Soldering Set with WDH10 Stand  
**No. WEL-52920299 .....\$259.00**

### WXMP

WXMP Micro Soldering Iron, 40W  
**No. WEL-52920399 .....\$133.04**  
 WXMP Soldering Iron, 40W, with MDH50 Stand  
**No. WEL-52920499 .....\$190.47**

### WXP 65

WXP 65 Soldering Iron, 65W  
**No. WEL-0052921199 ..\$169.00**

### WXMT

Micro-Desoldering Tweezer, 40W  
**No. WEL-51317799 .....\$180.90**  
 WXMT Micro-Desoldering Tweezer Set with WDH60 Stand  
**No. WEL-51317899 .....\$247.90**

### RT Series Tips - For WXMP Soldering Iron

Tip	Cat. No.	Tip No.	Cartridge Desc.	Width	Thickness	Price
	WEL-0054460199-DS	RT1	Needle	0.2mm	-	\$33.50
	WEL-0054461299	RT1SC	Chisel	0.4mm	0.15mm	\$48.80
	WEL-0054460299-DS	RT2	Fine Point	0.8mm	-	\$33.50
	WEL-0054460399-DS	RT3	Chisel	1.3mm	0.4mm	\$33.50
	WEL-0054460499-DS	RT4	Chisel	1.5mm	0.4mm	\$33.50
	WEL-0054460599-DS	RT5	Bent Chisel	0.8mm	0.4mm	\$33.50
	WEL-0054460699	RT6	Round Sloped	1.2mm	-	\$33.50
	WEL-0054460799	RT7	Knife	2.2mm	-	\$35.20
	WEL-54460899	RT8	Chisel	2.2mm	0.4mm	\$33.50
	WEL-0054460999-DS	RT9	Chisel	0.8mm	0.4mm	\$33.50
	WEL-0054461099	RT10	Gull Wing	1.2mm	2.0mm	\$33.50

### WXMT Micro Desoldering Tweezer Tip Sets

Tip	Cat No.	Model	Description	PRICE
	WEL-0054465199-DS	RTW 1	0.2 mm, 45°	\$70.00
	WEL-0054465299-DS	RTW 2	0.7 x 0.4mm, 45°	\$70.00
	WEL-0054465399-DS	RTW 3	3 x 0.7mm, 45°	\$83.00
	WEL-0054465499-DS	RTW 4	6 X 0.7mm, 45°	\$83.00

### XT Series Soldering Tips for WXP 120 Pencil

Tip	Cat No.	Model	Type	Width (mm)	Length (mm)	PRICE
	WEL-0054470199-DS	XT AL	Chisel	1.6	39.0	\$12.40
	WEL-0054470399-DS	XT A	Chisel	1.6	36.0	\$12.40
	WEL-0054470499-DS	XT B	Chisel	2.4	36.0	\$12.40
	WEL-0054470599	XT C	Chisel	3.2	36.0	\$12.40
	WEL-0054470699	XT D	Chisel	4.6	34.5	\$12.40
	WEL-0054470799	XT E	Chisel	5.9	34.5	\$12.40
	WEL-0054471399	XT H	Chisel	0.4	0.8	\$12.40
	WEL-0054471499	XTO	Long Chisel	1.0	36.5	\$12.40

### XNT Series Tips for WXP 65 Soldering Iron

Tip	Cat No.	Model	Type	Width (mm)	Length (mm)	PRICE
	WEL-0054485099	XNT1	Micro	0.25	7.39	\$7.50
	WEL-0054485399	XNTD	Chisel	4.0	7.75	\$15.50
	WEL-0054485499	XNTGW	Conical	2	13.41	\$13.50
	WEL-0054485799	XNTB	Chisel	2.4	7.34	\$7.50
	WEL-0054486099	XNTK	Chisel	1.2	8.41	\$8.25
	WEL-0054486299	XNT1SC	Fine Chisel	0.40	7.39	\$14.50

**Call Today For Our Full Selection of Tips!**

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# Weller Soldering/Desoldering

## Weller® WD SERIES Digital Soldering Stations

- 3 programmable independent fixed temperature buttons
- Program setback time and temperature to your specification
- Programmable lockout window range so you can restrict temperature settings within a pre-determined range
- Programmable temperature offset and auto-shutoff
- WP80 soldering pencil delivers 80 watts of power and includes a special silver heating element for low thermal loss and fast recovery. Ideal for continuous production soldering. Uses LT Series Tips (sold separately).
- 65 watt WMP soldering pencil has a tip-to-grip distance of just 37mm for improved accuracy. Heating element built into the pencil, replacement tips cost less. Uses NT Series Tips (sold separately).



- WD1002 Digital Soldering Station with WP80 Pencil**  
No. WEL-WD1002 .....\$330.00
- WD1001 Digital Soldering Station with WMP Pencil**  
No. WEL-WD1001 .....\$330.00
- WD1 Digital Single Channel Power Unit**  
No. WEL-WD1 .....\$202.00
- WD2 Digital Dual Channel Power Unit**  
No. WEL-WD2 .....\$311.00

- WP80 80W Soldering Pencil**  
No. WEL-0052918099-DS....\$117.00
- WP80 80W Soldering Pencil Set w/Stand**  
No. WEL-0052918199 .....\$152.00
- WMP 65W Soldering Pencil Set w/Stand**  
No. WEL-WMP .....\$117.00
- WD1002T Digital Soldering Station with Stop & Go Stand**  
No. WEL-WD1002T .....\$360.00

### LT Series Tips - For WP80 Soldering Pencil

Tip	Cat. No.	Description	Price
	WEL-LT1-DS	Round tip 0.25mm	\$4.20
	WEL-LT1S-DS	Round tip 0.20mm	\$4.20
	WEL-LTA-DS	Chisel tip 1.6mm	\$4.20
	WEL-LT-B-DS	Chisel tip 2.4mm	\$4.20
	WEL-LT-C	Chisel tip 3.2mm	\$3.90
	WEL-LTD-DS	Chisel tip 4.5mm	\$4.20
	WEL-LTH-DS	Chisel tip 0.8mm	\$4.20
	WEL-LTK-DS	Chisel tip 1.2mm	\$4.20
	WEL-LT1X-DS	Round bent tip .25mm	\$4.20
	WEL-LTAX-DS	Chisel bent tip 1.6mm	\$5.70
	WEL-LTHX-DS	Chisel bent tip 0.8mm	\$4.00
	WEL-LT4X-DS	Bent tip 1.2mm	\$5.70
	WEL-LT1SLX-DS	Long bent round tip 0.3mm	\$4.20
	WEL-LTM	Chisel tip 3.2mm	\$4.20
	WEL-LTS-DS	Round tip 0.4mm	\$4.20
	WEL-LT1L	Round tip 0.2mm	\$4.20
	WEL-LT1LX-DS	Bent Round tip 0.2mm	\$5.70
	WEL-LT-F-DS	Single Flat tip 1.2mm	\$4.20
	WEL-LTL-DS	Chisel Tip 2mm	\$4.20
	WEL-LT-AS-DS	Round tip 1.6mm	\$4.20
	WEL-LT-CS	Round tip 3.2mm	\$4.20
	WEL-LTKN-DS	Knife tip 6.2mm	\$9.90

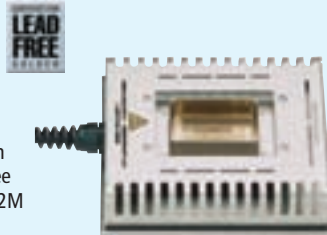
### NT Series Tips - For WMP Soldering Pencil

Tip	Cat. No.	Point Type	Width in. (mm)	Length in. (mm)	In. (mm)	Price
	WEL-NT1-DS	Micro	0.010 (0.25)	-	0.291 (7.40)	\$10.50
	WEL-NT1S-DS	Micro	0.010 (0.25)	-	0.333 (8.45)	\$10.50
	WEL-NT1X-DS	Bent Round	0.016 (0.40)	0.063 (1.60)	0.321 (8.15)	\$12.30
	WEL-NT4-DS	Round	0.047 (1.20)	-	0.390 (9.90)	\$10.50
	WEL-NT6-DS	Chisel	0.063 (1.60)	0.016 (0.40)	0.372 (9.45)	\$10.50
	WEL-NTA-DS	Chisel	0.063 (1.60)	0.016 (0.40)	0.331 (8.40)	\$10.50
	WEL-NTAX-DS	Bent Chisel	0.063 (1.60)	0.031 (0.80)	0.339 (8.61)	\$15.00
	WEL-NTB-DS	Chisel	0.094 (2.40)	0.031 (0.80)	0.289 (7.35)	\$10.50
	WEL-NTC	Chisel	0.126 (3.20)	0.031 (0.80)	0.305 (7.75)	\$10.50
	WEL-NTD-DS	Chisel	0.157 (4.00)	0.031 (0.80)	0.305 (7.75)	\$20.80
	WEL-NTGW-DS	Gull Wing	0.079 (2.00)	0.118 (3.00)	0.528 (13.40)	\$17.80
	WEL-NTH-DS	Chisel	0.031 (0.80)	0.016 (0.40)	0.331 (8.40)	\$11.00
	WEL-NTK-DS	Chisel	0.047 (1.20)	0.016 (0.40)	0.331 (8.40)	\$11.00

## Weller®

### WSB150 Solder Bath

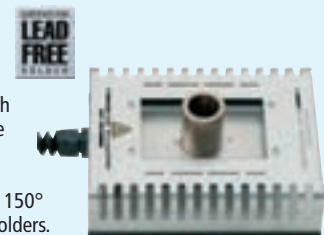
Ideally suited to tin coating and for preparation of soldering components. 150°F to 999°F temperature range with 150W output. Compatible with lead-free solders. For use with Weller's WD2, WD2M or WR3M power units only.  
No. WEL-0052704299-DS.....\$329.00



## Weller®

### WSB80 Solder Bath

80W/24V solder bath can be used with any Weller 80W power unit to tin wire ends, clean and tin component leads, and clean extraneous solder particles. Temperature range is adjustable from 150° to 850°F. Compatible with lead-free solders.  
No. WEL-0052704099 .....\$222.00





# Weller Soldering/Desoldering

## WR3000M Triple Channel Digital Rework System

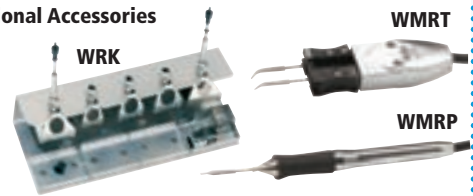
Features 3 independent channels with automatic tool detection and connectivity to all Weller high-speed micro tools. Large LCD display. Built-in vacuum channel for pick-up. Comprehensive pc software for monitoring, setting parameters and data logging included. USB port for uploading software upgrades. Indicator LED blinks when tool is at selected temperature. Temperature ranges: hot air 150-1022°, soldering 150-850°. **Includes:** WR 3M power unit; HAP200 200W hot-air pencil with adjustable, directional air flow; DXV80 80W desoldering iron; WP80 80W micro soldering pencil; WVP vacuum pick-up tool; WDC2 dry tip cleaner. USB software and cable.

**WR3000M Digital Rework System w/Tools**  
 No. WEL-WR3000M ..... \$2200.00  
**WRK SMT Chip Removal Nozzle Kit**  
 No. WEL-0051515599 ..... \$325.00  
**WMRT Hot Tweezer Set**  
 No. WEL-0051317299 ..... \$251.00

**WMRP Micro Solder Pencil Set**  
 No. WEL-0052917199 ..... \$128.00  
**WHP80 Hot Plate (Not Shown)**  
 No. WEL-0052702899 ..... \$418.00



### Optional Accessories



## WR2000 Rework Stations

Versatile 300 watt, 2-channel stations let you solder and desolder with separate handpieces simultaneously. Ideal for production, engineering and repair work. Choose between desoldering unit featuring the DXV80 pencil with internal disposable solder collection tube, or DXV80 and WSP80 soldering pencil and iron, or hot air unit featuring HAP1 hot air pencil. All units also run all Weller 200-watt solder and desoldering tools.

### Features:

- ESD-safe
- Power-saving ECO button puts unit into sleep mode
- Programmable temperature memory key
- Simultaneous use of 2 tools
- Self-contained vacuum and air turbine
- Weller WMRT & WMRP are not compatible with WR2 base unit

Model	WR2000	WR2000X	WR2000VX
Cat No.	WEL-WR2000	WEL-WR2000X	WEL-WR2000VX
Station Type	Soldering/Hot Air	Soldering/Desoldering	Soldering/Desoldering
Temperature	150°F to	150°F to	150°F to
Range	999°F	850°F	850°F
Desoldering Pencil/Iron (included)	HAP1	DXV80	DXV80, WSP80
Tip (included)	0058727821	DS112	DS112
Includes	Stand, power cable	Stand, power cable	Stand, power cable
Price	\$1150.00	\$1150.00	\$1400.00

**HAP1 Hot air pencil with 1.2mm Nozzle and Stand**  
 No. WEL-0052711899 ..... \$245.00  
**DXV80 desoldering pencil with DX112 tiplet**  
 No. WEL-0051318099-DS .... \$209.00

**AKV80 stand for DXV80 pencil**  
 No. WEL-0051503999-DS ..... \$59.00  
**Disposable solder collection tube 5/pk**  
 No. WEL-0058741815-DS ..... \$7.50



**NEW!**

### Tiplets for DXV80 Pencil

Cat No.	Model	A (O.D.)		B (I.D.)		C		PRICE
		Inch	mm	Inch	mm	Inch	mm	
WEL-0051314099-DS	DX110	0.075	1.90	0.028	0.70	0.906	23.00	\$13.50
WEL-0051314199-DS	DX111	0.098	2.50	0.028	0.70	0.906	23.00	\$13.50
WEL-0051314299-DS	DX112	0.091	2.30	0.039	1.00	0.906	23.00	\$13.50
WEL-0051314399	DX113	0.098	2.50	0.047	1.20	0.906	23.00	\$13.50
WEL-0051314499-DS	DX114	0.130	3.30	0.071	1.80	0.906	23.00	\$13.50
WEL-0051314599-DS	DX115	0.075	1.90	0.028	0.70	0.906	23.00	\$13.50
WEL-0051314699-DS	DX116	0.106	2.70	0.047	1.20	1.142	29.00	\$13.50



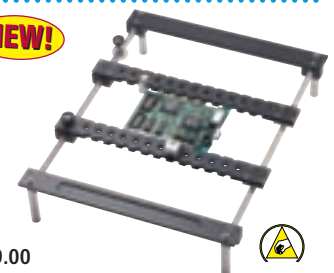
## WHP200 Infrared Under Board Heater

Small yet powerful and designed for use on small multilayer PCBs. Minimizes risk of thermal damage and speeds up repairs. Integral board holder eliminates need for additional equipment. Ideal for wide range of boards. Set and actual temperatures displayed. Temperature range: 150°-750°F (50°-400°C). Dimensions: 7.6" x 7.6" x 3.3", 120 V. Medium wave infrared. Includes power cable.  
 No. WEL-WHP200 ..... \$690.00



## PCB Board Holder

ESD-safe circuit board holder for boards up to 10.24" wide. Spring-loaded arm and stop pin simplifies board placement and removal. Can be used with any Weller pre-heater.  
 No. WEL-0053316799 ..... \$299.00



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# Weller Soldering/Desoldering



**Get Rock-Solid Temperature Control!**

## WHA900 Hot Air Station

Maintain nozzle temperature regardless of hot air flow rates. Sensor at nozzle continuously samples temperature and instantly adjusts heat to maintain preset temperature. Powerful enough to work on most multi-layer boards. Suitable for lead-free solders. **Specs:** 650 watts of power; Internal air adjustable from 5 l/min to 50 l/min; Temperature variable from 100°F to 1,000°F.

**Product Features:**

- Front panel push-button activates hot air and sets unit back to pre-defined temperature and airflow settings
- User-set temperature offset for deviation in actual and air temperature setting
- Sturdy and flexible corrugated burn-proof air hose
- Uses Weller's patented hot air nozzles (sold separately)

No. WEL-WHA900 .....\$620.00



## WHA3000 Self-Contained Digital Hot Air System

Great for difficult repairs on circuit boards with fine-pitch components with a large number of leads. Handles most ground planes and multi layer boards. Automatic preheat/soak/reflow temperature/time profile increases productivity and quality of your rework jobs. Bright, clear LCD for easy reading of the parameter settings. **Specs:** Voltage: 120V; Temperature Range: 122°F–1022°F (50°C–550°C); Air Flow Volume: 5–50 l/min. HAP3 Hot Air Pencil and nozzle have built in vacuum pick up. When pencil is placed in stand, unit switches into standby mode and operates at the lower pre-heat temperature and airflow rate.

Pre-heat holder fixes PCB boards up to 12.20" x 12.60" (310 x 320mm) in the x-y direction. In combination with the preheat plate, they reduce thermal damage by heating board from two directions. Temperature Range: 122°F – 752°F (50°C – 400°C).

- No. WEL-WHA3000PS WHA3000PS Digital Rework System (Complete System) .....\$6000.00
- No. WEL-WHA3000P WHA3000P Digital Self-Contained Hot Air Control Station Only .....\$2058.80
- No. WEL-WHA3000V WHA3000V Digital Shop Air Control Station Only .....\$1798.80
- No. WEL-WHP3000 WHP3000 Digital Infrared Hot Plate .....\$1000.00
- No. WEL-0058755741 WBH3000 Circuit Board Holder .....\$128.00



### Nozzles and Accessories for WHA900 & WHA3000 Hot Air Systems

Nozzle	Cat. No.	Dimensions Inch (mm)		Price
		A	B	
	WEL-0058736881-DS	0.098 (2.50)	–	\$69.00
	WEL-0058736867-DS	0.157 (4.00)	–	\$69.00
	WEL-0058736870-DS	0.276 (7.00)	–	\$69.00
	WEL-0058736840-DS	0.583 (4.80)	0.846 (21.50)	\$69.00
	WEL-0058736842-DS	0.394 (10.00)	0.551 (14.00)	\$69.00
	WEL-0058736843-DS	0.421 (10.70)	0.421 (10.70)	\$69.00
	WEL-0058736841-DS	0.472 (12.00)	0.748 (19.00)	\$69.00
	WEL-0058736883-DS	0.098 (2.50)	0.374 (9.50)	\$69.00
	WEL-0058736839-DS	0.433 (11.00)	0.433 (11.00)	\$69.00
	WEL-0058736818-DS	0.583 (14.80)	0.583 (14.80)	\$72.00
	WEL-0058736814-DS	0.709 (18.00)	0.709 (18.00)	\$72.00
	WEL-0058736807-DS	0.807 (20.50)	0.807 (20.50)	\$72.00
	WEL-0058736804-DS	1.024 (26.00)	1.024 (26.00)	\$72.00
	WEL-0058736833-DS	1.260 (32.00)	1.260 (32.00)	\$90.00
	WEL-0058736838-DS	0.394 (10.00)	0.394 (10.00)	\$69.00

**Nozzle Exchange Tool**  
No. WEL-0051504999 ....\$36.40



**Hot Air Pencil Stand**  
No. WEL-0051504599 ....\$92.00



**Nozzle Holder for WHA900 or WHA3000 Nozzles**  
Support for up to 6 hot air nozzles.  
No. WEL-0051504899 .....\$47.80



# Weller Soldering/Desoldering

## Weller®

### WESD51 Digital Soldering Station

- Innovative heater and sensor combination gives you quick heat-up and rapid temperature recovery.
- Wireless temperature lockout prevents operators from raising the temperature to levels higher than specified for the board or component. Gives you control over the process.
- Station automatically powers down after 90 minutes of inactivity to prolong tip life and save power.
- Applications: Production, rework, and repair of thru-hole and SMT boards. Most ground planes and multi-layer boards.
- Specs: Accuracy: ±9°F; Temperature range: 350°F to 850°F; Output voltage: 24V. Meets ANSI specs. (Mexico)

No. WEL-WESD51	Digital Soldering Station - 50W .....	\$173.00
No. WEL-WES51	Analog Soldering Station - 50W .....	\$125.00
No. WEL-PE551	50 Watt Soldering Pencil .....	\$41.00



## Weller®

### WTCPT Controlled Output Solder Station

Select soldering tip temperature simply by changing the heat-sensing soldering tip. A magnetic contact switch and closed loop low-voltage circuit control power output to the soldering iron and the tip temperature. Includes a blue static dissipative case and handle to provide ESD protection, a lightweight soldering pencil with built-in heat shield fitted with a PTA7 700°F screwdriver solder tip, a non-burnable silicone rubber cord, and a non-heatsinking iron holder with sponge. UL listed. Uses PT series tips.

No. WEL-WTCPT	Controlled Output Soldering Station.....	\$164.00
No. WEL-TC201T	Soldering Pencil .....	\$85.00



## Weller®

### WAD101 Digital Shop Air Hot Air Station

Features digital temperature control with the HAP1 – 100 watt hot air pencil for precise non-contact hot air soldering and desoldering. This unit needs shop air to function. Air flow is controlled with the analog dial located on the side of the unit. Pencil features a finger activated button on the pencil for precise delivery of hot air to small SMD parts.

No. WEL-WAD101	.....	\$630.00
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## Weller®

### WSM Soldering Stations

Compact, lightweight soldering station lets you go where the work is. Choose plug-in model or rechargeable battery-operated station for ultimate portability. Station reaches temperature in just 4 seconds!

- Easy-to-read touch screen controls
- Built-in Stop+Go function saves energy and extends tip life
- Ergonomic 40W micro-soldering pencil with high-efficiency RT3 micro-soldering chisel tip and integrated heating element, .05" (1.3mm)
- Two programmable pre-set temperatures and temperature lock functions
- Safety rest with WDC2 dry cleaner
- Temperature range: 200° - 750°F (50° -400°C)

No. WEL-TWSM1	Plug-in Soldering Station .....	\$365.00
No. WEL-WSM1C	Cordless Rechargeable Soldering Station ....	\$450.00



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# Weller Soldering/Desoldering

## Weller PT Series Soldering Tips

For use with WTCPT Soldering Station and TC201 Series soldering irons.



Cat. No.	Model	Description	Temp.	"A"	"B"	Price
WEL-PTA7	PTA	Screwdriver	700°F	.06"	.62"	\$3.40
WEL-PTA8	PTA	Screwdriver	800°F	.06"	.62"	\$3.40
WEL-PTAA7	PTAA	Single Flat	700°F	.06"	.62"	\$3.40
WEL-PTAA8	PTAA	Single Flat	800°F	.06"	.62"	\$3.40
WEL-PTB7	PTB	Screwdriver	700°F	.09"	.62"	\$3.40
WEL-PTB8	PTB	Screwdriver	800°F	.09"	.62"	\$3.40
WEL-PTBB7	PTBB	Single Flat	700°F	.09"	.62"	\$3.40
WEL-PTBB8	PTBB	Single Flat	800°F	.09"	.62"	\$3.40
WEL-PTC7	PTC	Screwdriver	700°F	.12"	.62"	\$3.40
WEL-PTC8	PTC	Screwdriver	800°F	.12"	.62"	\$3.40
WEL-PTCC7	PTCC	Single Flat	700°F	.12"	.62"	\$3.40
WEL-PTCC8	PTCC	Single Flat	800°F	.12"	.62"	\$3.40
WEL-PTD7	PTD	Screwdriver	700°F	.18"	.62"	\$3.40
WEL-PTD8	PTD	Screwdriver	800°F	.18"	.62"	\$3.40
WEL-PTB8	PTE	Screwdriver	800°F	.23"	.62"	\$3.40
WEL-PTF7	PTF	Conical Flat	700°F	.03"	.62"	\$3.40
WEL-PTF8	PTF	Conical Flat	800°F	.03"	.62"	\$3.40
WEL-PTH7	PTH	Screwdriver	700°F	.03"	.62"	\$3.40
WEL-PTH8	PTH	Screwdriver	800°F	.03"	.62"	\$3.40
WEL-PTJ7	PTJ	Screwdriver	700°F	.01"	1.0"	\$3.40
WEL-PTJ8	PTJ	Screwdriver	800°F	.01"	1.0"	\$3.40
WEL-PTK7	PTK	Screwdriver, Long	700°F	.04"	1.0"	\$3.40
WEL-PTK8	PTK	Screwdriver, Long	800°F	.04"	1.0"	\$3.40
WEL-PTL7	PTL	Screwdriver, Long	700°F	.07"	1.0"	\$3.40
WEL-PTL8	PTL	Screwdriver, Long	800°F	.07"	1.0"	\$3.40
WEL-PTM7	PTM	Screwdriver, Long	700°F	.12"	1.0"	\$3.40
WEL-PTM8	PTM	Screwdriver, Long	800°F	.12"	1.0"	\$3.40
WEL-PTO7	PTO	Long Conical	700°F	.03"	1.0"	\$3.40
WEL-PTO8	PTO	Long Conical	800°F	.03"	1.0"	\$3.40
WEL-PTP7	PTP	Conical	700°F	.03"	.62"	\$3.40
WEL-PTP8	PTP	Conical	800°F	.03"	.62"	\$3.40
WEL-PTR7	PTR	Screwdriver, Narrow	700°F	.06"	.62"	\$3.40
WEL-PTR8	PTR	Screwdriver, Narrow	800°F	.06"	.62"	\$3.40
WEL-PTS7	PTS	Long Conical	700°F	.01"	1.0"	\$3.40
WEL-PTS8	PTS	Long Conical	800°F	.01"	1.0"	\$3.40

## CT Series Soldering Tips

CT5-Series tips fit W60P irons;  
CT6-Series tips fit W100P-3 irons.



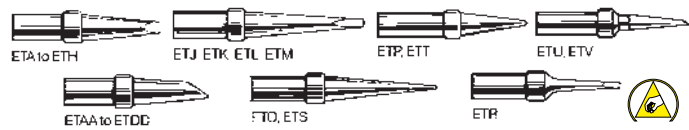
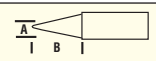
Cat. No.	Model	Description	Temp.	Price
WEL-CT5A7	CT5A7	1/16" Screwdriver	700°F	\$4.50
WEL-CT5A8	CT5A8	1/16" Screwdriver	800°F	\$4.50
WEL-CT5C8	CT5C8	1/8" Screwdriver	800°F	\$4.50
WEL-CT5E8	CT5E8	1/4" Screwdriver	800°F	\$4.50
WEL-CT6F7	CT6F7	3/8" Screwdriver	700°F	\$6.40
WEL-CT6D8	CT6D8	3/16" Screwdriver	800°F	\$6.40

## Weller Replacement Parts

Replacement parts for use on WTCP Series soldering stations with TC201 Series irons and WCC100 soldering stations.

Cat. No.	Model	Description	Price
WEL-BA60	BA60	Barrel/Nut Assembly	\$6.70
WEL-TC201T	TC201T	42W Soldering Iron	\$85.00
WEL-TC205	TC205	Sponge	\$1.10
WEL-SW60	SW60	Magnetic Switch	\$30.40
WEL-TC208	TC208	Heater Assy. (Non-Plug Type)	\$27.30
WEL-EC234	EC234	Heater Assy. (Plug Type)	\$18.60
WEL-TC217	TC217	Repl. Cord	\$23.90
WEL-WCC104	WCC104	Replacement Sponge	\$1.40

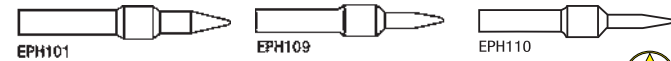
Dimensions: A-Width, B- Length



## ET Series Soldering Tips

Use with ESD 40W EC1201A, PES50 and PES51 soldering irons.

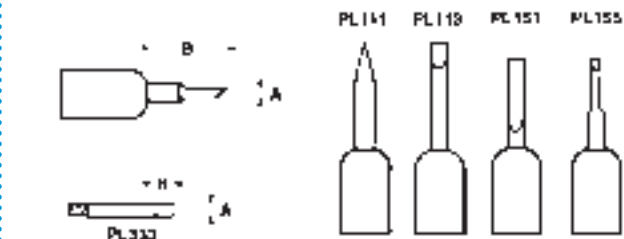
Cat. No.	Model	Description	"A"	"B"	Price
WEL-ETA	ETA	Screwdriver	.06"	.62"	\$3.80
WEL-ETAA	ETAA	Single Flat	.06"	.62"	\$3.80
WEL-ETB	ETB	Screwdriver	.09"	.62"	\$3.80
WEL-ETC	ETC	Screwdriver	.12"	.62"	\$3.80
WEL-ETCC	ETCC	Single Flat	.12"	.62"	\$3.80
WEL-ETD	ETD	Screwdriver	.18"	.62"	\$3.80
WEL-ETDD	ETDD	Single Flat	.18"	.62"	\$3.80
WEL-ETH	ETH	Screwdriver	.03"	.62"	\$3.80
WEL-ETJ	ETJ	Screwdriver, Long	.03"	1.0"	\$3.80
WEL-ETK	ETK	Screwdriver, Long	.04"	1.0"	\$3.80
WEL-ETL	ETL	Screwdriver, Long	.07"	1.0"	\$3.80
WEL-ETM	ETM	Screwdriver, Long	.12"	1.0"	\$3.80
WEL-ETO	ETO	Conical, Long	.03"	1.0"	\$3.80
WEL-ETP	ETP	Conical	.03"	.62"	\$3.80
WEL-ETR	ETR	Screwdriver, Narrow	.06"	.62"	\$3.80
WEL-ETS	ETS	Conical, Long	.01"	1.0"	\$3.80
WEL-ETT	ETT	Conical	.02"	.62"	\$3.80
WEL-ETU	ETU	Single Flat	.01"	.70"	\$3.80
WEL-ETV	ETV	Single Flat	.02"	.70"	\$3.80



## EPH Series Soldering Tips

Use with ESD 20W EC1302B soldering irons.

Cat. No.	Model	Description	"A"	"B"	Price
WEL-EPH101	EPH101	Micropoint	.01"	.43"	\$13.40
WEL-EPH109	EPH109	Conical	.03"	.43"	\$5.50
WEL-EPH110	EPH110	Conical	.06"	.43"	\$5.50
WEL-EPH112	EPH112	Micropoint, Long	.01"	.62"	\$15.90



## Soldering Tips for Standard Line Modular Heaters

Plated replacement soldering tips are available in two versions; the PL333 tip is 1/8" Thread-In and is used for Standard Line Heaters: 537S, 1237S, 4037S and 37. The rest are 1/4" Thread-On and are used for Standard & DI Line Heaters: 360, 362, 363, 537S, 1237S, 4037S, 37UG.

Cat. No.	Model	Description	"A"	"B"	Price
UNG-PL111	PL111	Conical Tip	.03"	.66"	\$6.10
UNG-PL113	PL113	Chisel Tip	.13"	.66"	\$5.70
UNG-PL151	PL151	Screwdriver Tip	.13"	.66"	\$6.20
UNG-PL-153	PL153	Chisel Tip	.20"	.66"	\$7.00
UNG-PL-155	PL155	Chisel Tip	.07"	.66"	\$6.20
UNG-PL-333	PL333	Chisel Tip	.13"	.85"	\$4.60













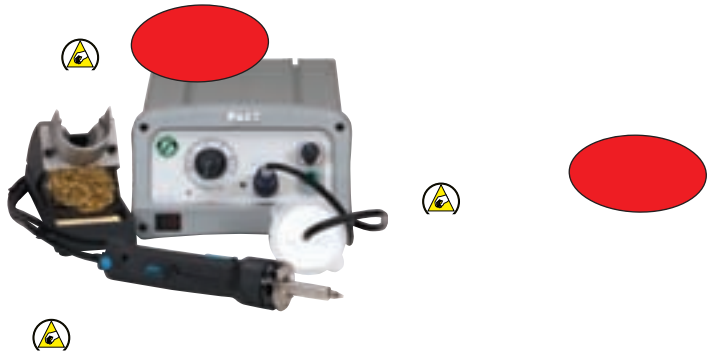


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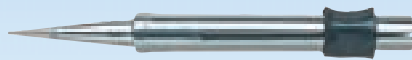
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# Plato Tips



## A Series Soldering Tips

Fits Antex® C, G, and CTC soldering irons.



Cat. No.	Model	Antex No.	Price
PLA-A-417	A-417	8-I	\$9.66

## Plug Type Series Soldering Tips

Fits Esico®, American Beauty®, Hexacon® or other soldering irons that use 1/4" diameter tips.



Cat. No.	Model	Price
PLA-44-386	44-386	\$10.54
PLA-44-352	44-352	\$10.54



## SX-70 Series Soldering Tips

Fits Pace® SX-65A and SX-70 SODR-X-Tractors®

Cat. No.	Model	Pace® No.	"D1"	"D2"	Price
PLA-30-0400	30-0400	1121-0342	.040"	.085"	\$6.36
PLA-30-0600	30-0600	1121-0368	.060"	.115"	\$6.36
PLA-30-0900	30-0900	1121-0507	.090"	.190"	\$6.36

## PS Series Soldering Tips

Fits Hexacon® MS-10, MV-15/16 and MF-20/21 soldering stations.



Cat. No.	Model	Hexacon® No.	Description	Price
PLA-PS-411	PS-411	HT882X	Soldering Tip	\$9.51

## MS Series Tips

Replaces Weller LT series tips.

Cat. No.	Model	Weller No.	Price
PLA-MS-3150	MS-3150	LTK	\$3.87
PLA-MS-3200	MS-3200	LTA	\$3.87
PLA-MS-3300	MS-3300	LTB	\$3.87
PLA-MS-3400	MS-3400	LTC	\$3.87
PLA-MS-3450	MS-3450	LTM	\$3.87

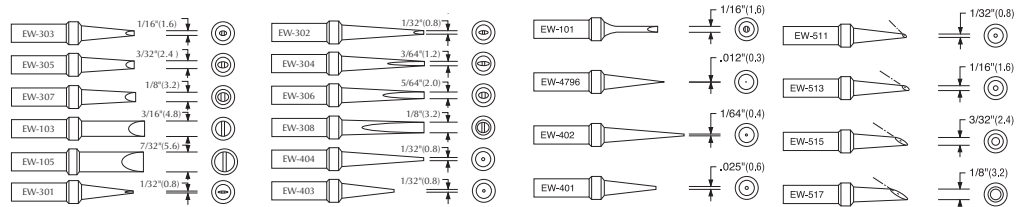
## CH Series Soldering Tips

Designed to fit Hexacon® Therm-O-Trac 1001 and 1002, and the Select-O-Trac 1003A/B and 1006A/B stations.

Cat. No.	Model	Hexacon No.	Price
PLA-CH-3550	CH3550	J101X	\$9.36
PLA-CH-3489	CH3489	J301X	\$9.36
PLA-CH3534	CH3534	J302X	\$9.36
PLA-CH-4427	CH4427	J915X	\$9.36
PLA-CH-4299	CH4299	J917X	\$9.36
PLA-CH-8138	CH8138	J932X	\$9.36
PLA-CH-3868	CH3868	J912X	\$9.78
PLA-CH-3867	CH3867	J935X	\$9.78
PLA-CH-4314	CH4314	J954X	\$9.78

## EW Series Soldering Tips

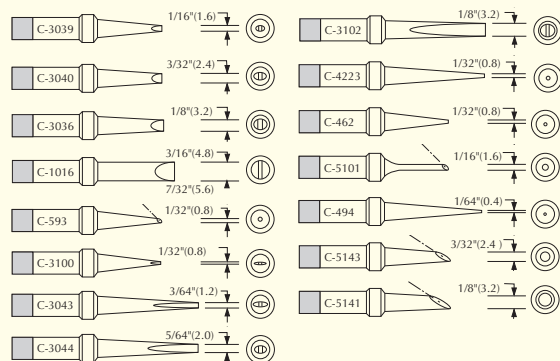
Designed to fit Weller® EC1002-1, EC2002-1, DEC1001, WTL-1000-1, DTL-1000, EC1000/1, EC2000/1, WTLTE, WCC100 soldering stations that use EC1201A 40W soldering iron handpiece.



Cat. No.	Model	Weller No.	Price	Cat. No.	Model	Weller No.	Price	Cat. No.	Model	Weller No.	Price	Cat. No.	Model	Weller No.	Price
PLA-EW-303	EW-303	ETA	\$3.68	PLA-EW-301	EW-301	ETH	\$3.68	PLA-EW-404	EW-404	ETO	\$3.68	PLA-EW-401	EW-401	ETT	\$3.68
PLA-EW-305	EW-305	ETB	\$3.68	PLA-EW-302	EW-302	ETJ	\$3.68	PLA-EW-403	EW-403	ETP	\$3.68	PLA-EW-511	EW-511	N/A	\$3.85
PLA-EW-307	EW-307	ETC	\$3.68	PLA-EW-304	EW-304	ETK	\$3.68	PLA-EW-101	EW-101	ETR	\$3.68	PLA-EW-513	EW-513	ETAA	\$3.68
PLA-EW-103	EW-103	ETD	\$3.68	PLA-EW-306	EW-306	ETL	\$3.68	PLA-EW-4796	EW-4796	N/A	\$3.73	PLA-EW-515	EW-515	ETBB	\$3.68
PLA-EW-105	EW-105	N/A	\$3.68	PLA-EW-308	EW-308	ETM	\$3.68	PLA-EW-402	EW-402	ETS	\$3.68	PLA-EW-517	EW-517	ETCC	\$3.68

## C Series Soldering Tips

Tips designed to fit Weller® WTCPL, WTCPN, WTCPR, WTCPS, WTCPT, & WTCPZ solder stations with TC201T soldering iron handpieces. Also available in 600°, 750° and 900° tips.



### 700° Tips

Cat. No.	Model	Weller No.	Price
PLA-C-3039-7	C-3039	PTA	\$3.88
PLA-C-3040-7	C-3040	PTB	\$3.88
PLA-C-3036-7	C-3036	PTC	\$3.88
PLA-C-1016-7	C-1016	PTD	\$3.88
PLA-C-593-7	C-593	PTF	\$2.71
PLA-C-3100-7	C-3100	PTH	\$3.88
PLA-C-3043-7	C-3043	PTK	\$3.88
PLA-C-3044-7	C-3044	PTL	\$3.88
PLA-C-3102-7	C-3102	PTM	\$3.88
PLA-C-4223-7	C-4223	PTO	\$3.88
PLA-C-462-7	C-462	PTP	\$3.88
PLA-C-494-7	C-494	PTS	\$3.88
PLA-C-5143-7	C-5143	PTBB	\$3.88
PLA-C-5141-7	C-5141	PTCC	\$3.88

### 800° Tips

Cat. No.	Model	Weller No.	Price
PLA-C-3039-8	C-3039	PTA	\$3.88
PLA-C-3040-8	C-3040	PTB	\$3.88
PLA-C-3036-8	C-3036	PTC	\$3.88
PLA-C-1016-8	C-1016	PTD	\$3.88
PLA-C-593-8	C-593	PTF	\$2.71
PLA-C-3100-8	C-3100	PTH	\$3.88
PLA-C-3043-8	C-3043	PTK	\$3.88
PLA-C-3044-8	C-3044	PTL	\$3.88
PLA-C-3102-8	C-3102	PTM	\$3.88
PLA-C-4223-8	C-4223	PTO	\$3.88
PLA-C-462-8	C-462	PTP	\$3.88
PLA-C-494-8	C-494	PTS	\$3.88
PLA-C-5143-8	C-5143	PTBB	\$3.88
PLA-C-5141-8	C-5141	PTCC	\$3.88

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