

# MX rework systems

**The power to deliver high throughput at low temperatures**

Unlike conventional systems, which rely on stored energy, SmartHeat® Systems deliver direct power on demand. This allows you to work at lower temperatures while maintaining the fastest temperature recovery joint-to-joint in the industry.

**Attention to detail provides unmatched comfort and simplicity**

The Metcal Talon's easy-squeeze design makes removing SMT components a snap. Unlike other "tweezer-style" tools, the Talon was designed with ergonomics, style, and superior performance in mind. To put it simply, when you try any other tweezer tool, and then try the Talon, you'll agree that there is really no comparison.



Our sleek design gives you unmatched control and comfort. But we didn't just stop at the handpiece. A cleverly designed beveled edge on tips allows you to rework several components without changing tip cartridges. And, even when you have to change a tip cartridge, there are no annoying screws or difficult tip alignment—it's simple and fast.

**Award winning pistol-grip SMT rework/desoldering system**

The MX-500DS allows you to do both SMT and through-hole rework with one power supply at the bench. The MX-500DS converts shop air into a powerful Venturi vacuum to clean through-holes completely and quickly. And the MX-500DS uses paper solder collection liners instead of glass tubes for the easiest maintenance in the industry.



**Superior process control reduces board damage**

The predictability of SmartHeat increases quality at every bench. Metcal's direct power delivery responds to the needs of the solder connection, providing both safer rework and a repetitive thermal profile for superior process control.

**Optimized bench space**

Since workbenches are getting more and more crowded, the MX power supply has been designed to have a smaller footprint than almost any other system.

**Automatic time-out increases tip cartridge life**

The MX-500P power supply senses whether the tip cartridge has been used during the past 30 minutes, and automatically shuts off to maximize the life of your tip cartridges.



**MX-500S-11: Rework System with Expansion Port, 100/120 VAC**  
**MX-500S-21: Rework System with Expansion Port, 220/240 VAC**

**Includes:**

MX-500P	Two Port Switchable Power Supply with Power Cord*
MX-RM3E	Rework Handpiece with cord
MX-WS4	Workstand
AC-YS3	Sponge
AC-CP2	Cartridge Removal Pad



**MX-500DS-11: Rework/Desoldering System, 100/120 VAC**  
**MX-500DS-21: Rework/Desoldering System, 220/240 VAC**

**Includes:**

MX-500P	Two Port Switchable Power Supply with Power Cord*
MX-DS1	Desoldering Handpiece
MX-RM8E	Desoldering Cord
MX-DAH4	ESD Air Hose with Fitting
MX-WS5	Workstand
MX-RM3E	Rework Handpiece with cord
MX-WS4	Workstand
MX-YS3	Sponge (2 ea)
MX-CP2	Cartridge Removal Pad (2 ea)
AC-CB1	Cleaning Brush
AC-CB2	Tube Cleaning Brush
MX-DCF1	Chamber Liner and Filter Pack
AC-TC	Desoldering Tip Cleaner

The MX-500DS requires shop air for desoldering. If you do not have shop air available, try the SP440 System.

\*220/240 V systems do not include power cords.