

# MX-500

## Soldering, Desoldering & Rework System

### Industry Standard, Soldering, Desoldering And Rework System

Metcal's MX-500 Soldering, Desoldering & Rework System is the benchmark against which other soldering, desoldering and rework systems are measured. Flexible, fast and powerful, the MX-500 Soldering, Desoldering & Rework System raises bench-top conduction soldering to a new level of process control, productivity and throughput.



### Higher Throughput At Lower Temperatures

Unlike conventional soldering/rework systems that rely on stored energy, Metcal systems use SmartHeat® for direct power on demand. Despite its capacity to work at lower, safer temperatures, SmartHeat® still delivers the fastest temperature recovery, joint-to-joint, in the industry.

### Versatility Without Compromise

Metcal's MX-500 Soldering, Desoldering & Rework System handles both SMT and through-hole soldering/rework with one power supply at the bench. With two switchable outputs, the system can be adapted to your exact needs, using two of the three tools available (soldering iron, Talon® tweezers, desolder gun) to configure the most powerful bench-top soldering/rework system on the market. In addition, the MX-500 Soldering, Desoldering & Rework System's power supply has an automatic shut-off, which helps maximize tip cartridge life, and a standard four year warranty.

## Unrivalled Comfort And Simplicity

The short tip-to-grip distance, characteristic of the Metcal hand-piece, improves process precision, especially for fine-pitch applications. The easy-squeeze design of Metcal's Talon® tweezers has been ergonomically designed for superior performance, unmatched comfort and optimum control.

### MX-500S SMT SOLDERING/REWORK SYSTEM

Part No.	Description
<b>MX-500S-11</b>	Two Port 100/120 VAC, Solder System
<b>MX-500S-21</b>	Two Port 220/240 VAC, Solder System
<b>INCLUDES</b>	
<b>MX-500P</b>	Two Port Switchable Power Supply with Power Cord*
<b>MX-RM3E</b>	Rework Hand-Piece with Cord
<b>MX-WS4</b>	Workstand
<b>AC-YS3</b>	Sponge
<b>AC-CP2</b>	Cartridge Removal Pad



### MX-500TS SMT REWORK/TALON® SYSTEM

<b>MX-500TS-11</b>	Two Port 100/120 VAC, Solder/Talon® System
<b>MX-500TS-21</b>	Two Port 220/240 VAC, Solder/Talon® System
<b>INCLUDES</b>	
<b>MX-500P</b>	Two Port Switchable Power Supply with Power Cord*
<b>MX-TALON</b>	Talon® Hand-Piece with Cord
<b>MX-WSS</b>	Workstand
<b>MX-RM3E</b>	Rework Hand-Piece with Cord
<b>MX-WS4</b>	Workstand
<b>AC-YS3</b>	Sponge (2)
<b>AC-CP2</b>	Cartridge Removal Pad (2)



### TALON® UPGRADE KITS

<b>MX-TALON-01</b>	Talon® Upgrade Kit
<b>INCLUDES</b>	
<b>MX-TALON</b>	Talon® Hand-Piece with Cord
<b>MX-WSS</b>	Workstand
<b>AC-YS3</b>	Sponge
<b>AC-CP2</b>	Cartridge Removal Pad
<b>SM-TALON-02</b>	Talon® Upgrade with Switchbox for Older STSS Systems
<b>INCLUDES</b>	
<b>MX-TALON</b>	Talon® Hand-Piece with Cord
<b>MX-WSS</b>	Workstand
<b>AC-YS3</b>	Sponge
<b>AC-CP2</b>	Cartridge Removal Pad
<b>STSS-SW1E</b>	Switchbox with Storage Tray

Tip cartridges sold separately from all systems. \*220/240 VAC systems do not include power cords.

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## Soldering, Desoldering & Rework System

### Pistol Grip SMT Desoldering/Rework System

The MX-500DS Desoldering/Rework System converts shop air into a powerful Venturi vacuum to clean through-holes quickly and efficiently. Paper solder collection liners within the hand-piece barrel are easy to maintain and are an improvement upon traditional glass tubes.

**Please note:** The MX-500DS Desoldering/Rework System requires shop air for desoldering. If shop air is not available, Metcal recommends the SP440 Self-Contained Desoldering System.

### MX-500DS SMT DESOLDERING/REWORK SYSTEM

Part No.	Description
<b>MX-500DS-11</b>	Two Port 100/120 VAC, Desolder/Solder System
<b>MX-500DS-21</b>	Two Port 220/240 VAC, Desolder/Solder System
<b>INCLUDES</b>	
<b>MX-500P</b>	Two Port Switchable Power Supply with Power Cord*
<b>MX-DS1</b>	Desoldering Hand-Piece
<b>MX-RM3E</b>	Rework Hand-Piece with Cord
<b>MX-RM8E</b>	Desoldering Cord
<b>MX-DAH4</b>	ESD Air Hose with Fitting
<b>MX-WS5</b>	Workstand
<b>AC-YS3 (x2)</b>	Sponge (2)
<b>AC-CP2 (x2)</b>	Cartridge Removal Pad (2)
<b>AC-CB1</b>	Cleaning Brush
<b>AC-CB2</b>	Tube Cleaning Brush
<b>MX-DCF1</b>	Chamber Liner and Filter Pack
<b>AC-TC</b>	Desoldering Tip Cleaner



### DESOLDER UPGRADE KIT

<b>MX-D001</b>	Desolder Upgrade Kit
<b>INCLUDES</b>	
<b>MX-DS1</b>	Desoldering Hand-Piece
<b>MX-RM8E</b>	Desoldering Cord
<b>MX-DAH4</b>	ESD Air Hose with Fitting
<b>MX-WS5</b>	Workstand
<b>MX-YS3</b>	Sponge
<b>MX-CP2</b>	Cartridge Removal Pad
<b>AC-CB1</b>	Cleaning Brush
<b>AC-CB2</b>	Tube Cleaning Brush
<b>MX-DCF1</b>	Chamber Liner and Filter Pack
<b>AC-TC</b>	Desoldering Tip Cleaner

