



Metcal's MX-500 Soldering and Rework System has been reimaged, adding features and a new look to a bench top icon.

The system utilizes SmartHeat® Technology, wherein each cartridge is equipped with a self-regulating heater which 'senses' its own temperature and closely maintains its pre-set idle temperature for the life of the heater-tip. The tip temperature is determined by the inherent metallurgical properties of the heater; no external adjustment or equipment is required. The MX-500 retains switchable dual port, 40W operation while introducing numerous new features in a new housing.

FEATURES AND BENEFITS

- Integrated Power Indication Meter: a built in net power meter which will display a graphical and numerical representation of the power applied to the cartridge.
- User Programmable PowerSave Mode: the time to enter PowerSave

Mode is adjustable from 10 to 120 minutes.

- Ground Fault Interrupt: AC ground monitor detects power line ground failures and immediately alerts the operator and shuts down the system. Only after the power line ground has been restored, can the MX-500 be restarted and soldering operations can be resumed.
- Universal Power Supply: automatically senses the input line voltage and adjusts accordingly, which allows for worldwide operation without adaptors or a change in performance.
- Compatibility with all MX products: the MX-500 redesign allows full compatibility with existing and previous MX upgrade kits, tip-cartridges, hand-pieces and accessories.
- Greater process control with SmartHeat® Technology
- Reduced space requirements

- MX-500DS Soldering / Desoldering System includes: Power supply
 - MX-RM3E soldering and rework hand-piece with cartridge removal pad
 - WS1 sleeper workstand for the RM3E
 - MX-DS1 Desoldering Gun with cartridge removal pad
 - MX-W5DS Tip Saver workstand for the MX-DS1
 - MX-RM8E: Desoldering Cord
 - MX-DAH4: ESD Air Hose with Fitting
 - AC-CB1: Cleaning Brush
 - AC-CB2: Tube Cleaning Brush
 - MX-DCF1: Chamber Liner and Filter Pack
 - AC-TC: Desoldering Tip Cleaner
- NOTE: Requires 60-100PSI of shop air

Tips / Cartridges Series compatible with this system

STTC Soldering Cartridges
SMTC Rework Cartridges
STDC Desoldering Cartridges
