MX-500AV soldering and desoldering station, complete, with display, 40 W - 230 V



Metcal’s MX-500 Soldering Station and Rework System has been reimagined, 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.

Set includes: Power supply; MX-H1-AV: Metcal Advanced™ Hand-piece, Soldering and Rework with one cartridge removal pad; MX-W1AV: Workstand for Metcal Advanced™ Hand-piece, Soldering and Rework with one sponge and one brass pad

• 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
• No tip/cartridge included

Item no.	**WL42516**
Model	MX-500AV
Manufacturer	METCAL
Manufacturer article no.	MX-500AV
GPSR manufacturer data	OK International Ltd Eagle Close, Chandlers Ford GB-SO53 4NF Hampshire www.metcal.com
Scope of delivery	Power supply, MX-H1-AV, MX-W1AV
Sales unit	1 piece
Content unit	1 piece
Station (type)	desoldering station, soldering station
ESD compliant	no