



MX-5251

New Dual Port Simultaneous Soldering, Desoldering and Rework System. This configuration is ideal for mixed technology boards and provides the greatest versatility for addressing soldering and rework tasks simultaneously.

Features and Benefits:

- Can be operated with two hand-pieces dynamically sharing the 80 watts output power based on demand adding even more application flexibility and speed.
 - Configured with the Metcal Desoldering Gun and the Advanced Soldering and Rework Hand-piece.
 - Microprocessor controlled power supply providing more power for challenges such as high mass components, multi-layered boards and lead-free solders.
 - Improved ergonomics with lightweight hand-pieces.
 - Greater process control with SmartHeat® Technology.
 - ESD safe with incoming AC ground monitoring circuitry.
 - Built-in power indication meter with digital display and bar graph that dynamically provides the operator with feedback on the status of the soldering operation.
 - Metcal TipSaver™ Workstand improves tip life with its “Auto-Sleep” function.
- NOTE: Unit requires shop air for desoldering.



Product Comprises of:

- MX-PS5200 : Power supply, 100 to 240 VAC input, dual switch port with LCD Display
- MX-H1-AV : Metcal Advanced™ Hand-piece, Soldering and Rework with one cartridge removal pad
- MX-DS1 : Desoldering Gun Hand-piece with one cartridge removal pad
- MX-W1AV : Workstand for Metcal Advanced™ Hand-piece, Soldering and Rework with one sponge and one brass pad
- MX-W5DS : Workstand for Desoldering Gun Hand-piece with one sponge and one brass pad
- AC-CB1 : Desolder Chamber Cleaning Brush
- AC-CB2 : Tube Cleaning Brush
- MX-DCF1 : Chamber Liner and Filter Pack
- AC-TC : Desolder Tip Cleaner
- MX-RM8E : Desoldering Cord
- MX-DAH4 : ESD Air Hose with Fitting

NOTE: No tip/cartridge included

Ambient Operating Temperature:	10- 40°C (50°F - 104°F)
Maximum Enclosure Temperature:	55°C (131°F)
Input Line Voltage:	100- 240 VAC, grounded circuit
Input Line Frequency:	50/60 Hz
Power Consumption:	125 Watts
Output Power Maximum:	80 Watts max. Per channel at 22°C (when operated with two hand-pieces dynamically, the 80 watts output power is shared based on demand)
Output Frequency:	13.56 MHzC
Power Cord 3-Wire:	183cm (18/3") SJT
Dimensions w x d x h:	12.1cm x 13.0cm x 23.5cm (4.8" x 5.1" x 9.3")
Certification / Marking:	cTUVus, CE
Tip-to-Ground Potential:	< 2mV
Tip-to-Ground Resistance:	< 2 ohms
Idle Temperature Stability:	± 1.1°C (2°F) in still air
Hand-piece Cable Length:	L=178cm (70"), burn resistant, ESD safe
Hand-piece Connector:	F connector
Workstand Dimensions w x dx h:	8.6cm x 19.1cm x 8.3cm (3.4" x 7.5" x 3.3")
Weight of the power supply:	7.4 lbs (3.35 kg)
Weight of the * workstand:	1.05 lbs (.476 kg)