

# MX-5200 Dual Simultaneous

[Soldering, Desoldering & Rework Systems]

## The MX-5200 Soldering, Desoldering and Rework Series has increased power and process control, now with dual-simultaneous ports.



**For two users or single user with dual applications.** The MX-5200 can be operated with two hand-pieces dynamically sharing the 80 watts output power based on demand adding even more application flexibility and speed.

**Fast time-to-recovery.** Delivers increased production rates and throughput no matter the application. The challenges of high mass components, multilayered boards and lead-free solders are seamlessly tackled by the MX-5200 super-charged power supply.

### SmartHeat® process control.

The technology built-in every Metcal System means that soldering and rework are always performed at safe, controlled temperatures. Metcal users know that moderate fixed temperatures, where power is varied, provides the best assurance for a well controlled soldering and rework process.

**TipSaver™ Workstand improves** tip life as well as operator ergonomics. This “Auto-Sleep” Workstand reduces the power to the hand-piece when it is placed in the Metcal TipSaver™

Workstand. Reduction in power will substantially decrease tip oxidation, a major cause of reduced tip life.

**Ergonomic Hand-pieces.** The aluminium hand-pieces for soldering and rework provides a cooler, lighter weight and more comfortable feel for the operator. And, the Metcal UltraFine™ Hand-piece features a new generation of extremely fine diameter cartridges in a slim profiled handle. Both of these hand-pieces uniquely offer users a choice of three interchangeable grips.

**ESD safe and features incoming AC ground monitoring circuitry.** The AC (mains) ground monitor detects power line ground failure, immediately alerting the operator and shutting down the system. Only after the power line ground has been restored can the MX-5200 be restarted and soldering operations can be resumed.

**Built-in power indication meter** with digital display and bar graph that visually provides the operator with feedback on the status of the soldering operation. Whether using a large mass rework tip for QFPs or a fine-point soldering tip, the power indication meter is a valuable resource for making consistent, acceptable solder joints.

### MX-5200 System Configuration

Part Number	MX-PS5200 Power Supply	Hand-pieces				Tip Saver™ Work-stands		
		MX-H1-AV*	MX-H2-UF*	MX-PTZ*	MX-DS1*	MX-W1AV*	MX-W4PT*	MX-W5DS*
MX-5210	•	•				•		
MX-5211	•	••				••		
MX-5220	•		•			•		
MX-5241	•	•		•		•	•	
MX-5250	•				•			•
MX-5251	•	•			•	•		•

\*See hand-piece descriptions on page 10