

New Metcal MX-5000 Soldering and Rework Systems increase Production Throughput and Assure Precision Control



OK International has launched the new Metcal MX-5000 Series Soldering and Rework System. Combining increased power and an enhanced hand-piece with unique energy and tip-saving features, the Metcal soldering and rework systems represent a high performance package to meet the demands of complex assembly challenges.

The Metcal MX-5000 Series Soldering and Rework systems are a valuable resource for today's electronics assembly operations and the related challenges of lead-free processes, multi-layer boards, large ground planes and high component packing density. Patented SmartHeat® Technology is coupled with 80 watts of power to enable instantaneous response to load conditions with exceptionally high levels of control. In practice, this unique design ensures that the system will not overshoot while recovering in seconds resulting in high productivity soldering and rework processes.

The microprocessor-controlled MX-5000 Series also incorporates a built-in digital power indication display, providing users with continuous feedback for a repeatable process creating high quality solder joints. The ease-of-use associated with this pioneering technology also significantly reduces required training investment.

The MX-5000 series is composed of different system configurations which users can choose from to address specific applications. Available configurations are determined by the hand-piece or hand-pieces to be used. The hand-piece choices include: ground-breaking Metcal Advanced™ soldering & rework Hand-piece, the new Metcal UltraFine™ Soldering Hand-piece for micro-soldering applications, the Metcal MX-PTZ Precision Tweezers Hand-piece for SMD rework, and the MX-DS1 Through-hole Desoldering Hand-piece. Of particular note, the STTC and SMTC range of tip cartridges that are widely used MX-500 systems can also be used with the MX-5000 Series Systems.

The MX-5000 series also adds the new Metcal TipSaver™ Workstand with auto-sleep function. When the users place the hand-piece in this workstand, power is substantially reduced resulting in energy savings and substantially increased tip life. The system incorporates a programmable “PowerSave” mode that shuts off power to the hand-piece after a user-selected time is exceeded, further saving energy and improving tip life.

To find out more about the new Metcal MX-5000 Series Systems, visit www.okinternational.com.

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About OK International

OK International is a leading global supplier of products for production assembly equipment. The product range includes bench top soldering and desoldering tools, array package rework equipment, fluid dispensing systems and accessories, and fume extraction systems.

OK International is committed to understanding the product needs of its customers and supplies professional grade products that are innovative, reliable, price competitive and easy to use. Through a global sales channel, OK International provides expert product support and responsive customer service, with localization to meet regional market needs.