

## *New OK International Multi-Function Rework System provides process control, value and flexibility*



**OK International has launched its MFR-1100 Series Single Output Soldering and Rework System. Designed to minimise training investment, maximise application solutions and increase productivity, the system features a choice of three hand-pieces for soldering and rework applications.**

For soldering tasks, this new MFR (Multi-Function Rework) Series is *uniquely versatile* in that it can be used with either a soldering tip or cartridge and offers users a choice of hand-pieces.

Powered by OK International's proven SmartHeat® Technology, the MFR-1100 Series provides a high power solution for lead-free, production soldering, multi-layer and other thermally demanding applications. Delivering extremely responsive, repeatable and highly controlled heating, SmartHeat® Technology is uniquely able to respond to the precise thermal load demands required for each connection. Plus, the intelligent nature of this technology also serves to protect sensitive components and substrates from damage.

In addition, the MFR-1100 can be easily adapted to meet a wide range of production challenges. Three distinct hand-piece options have been specifically designed to

enable soldering and rework on a single system. Similar to popular Metcal systems, the MFR-H1-SC Cartridge hand-piece offers a wide range of soldering and rework cartridges that provide fine access, SMD rework and pad clean-up. The MFR-H2-ST Hand-piece is designed to deliver the reliable soldering performance required by lead-free and production soldering environments, while maximising value through a lower cost tip. Finally, the lightweight MFR-H4-TW Precision Tweezer Hand-piece features tweezer soldering cartridges capable of removing even the smallest of discrete components, including 0201 packages.

All MFR-1100 Systems include an Auto-Sleep Workstand, as well as an Auto-Off function. Both of these features enable longer tip life, thus reducing ongoing operating expenses. In addition to prolonging tip life, the MFR-1100 requires no calibration. This eliminates unproductive hours annually that conventional soldering technologies require for calibration and adjustments.

The MFR-1100 Series also features ground continuity sensing, which protects sensitive components from damage, is fully ESD compatible, and all systems are packaged in a compact and robust metal housing that saves bench space. Coupled with the hand-pieces' ergonomic design and comprehensive range of application possibilities, the new system is ideal for manufacturers looking to generate high throughput and excellent yields, without compromise. For more information about the MFR-1100 Series, please visit [www.okinternational.com](http://www.okinternational.com).

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#### **About OK International**

OK International is a leading global supplier of products for production assembly. 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 and price

competitive. Easy to use, the OK International product range reduces required training investment while a diverse range of application possibilities substantially enhances ongoing productivity and flexibility. Through a global sales channel, OK International provides expert product support and responsive customer service, with localization to meet regional market needs.

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