



Economical Soldering and Rework Cartridge Handpiece for MX-500, MX-5000, and MX-5200 Series Systems

- General purpose tool for single task soldering, touch-up soldering, Surface Mount Device (SMD) rework, and pad clean-up
- Ergonomic feel, stays cool
- Compatible with STTC and SMTC cartridges
- Hand-piece cable length: 178cm/70"

Part Number	Description
MX-RM3E	Economical Handpiece for MX Systems
WS1	Tip Saver Work Stand for MX-RM3E Handpiece

MX-RM3E Handpiece for MX Series

Data Sheet



SPECIFICATIONS

Input Line Voltage:	100 - 240 VAC, grounded circuit, 50/60 Hz
Rated Power Consumption:	70 W max.
Output Power:	Variable, 40 W max.*
Output Frequency:	13.56 MHz
Heating Method:	Induction, SmartHeat®
Connections:	Dual Port, switchable
Power Supply Dim. W x D x H:	121 x 121 x 220 mm (4.8" x 4.8" x 8.7")
Power Supply Weight:	2.65 kg (5.8 lb)
Certification / Marking:	cTUVus, CE
Tip-to- Ground Potential:	< 2 mV
Tip-to-Ground Resistance:	< 2 Ohm
Ground Detection:	Permanent
Surface Resistivity:	10 ⁵ - 10 ⁹ Ohm
Idle Temperature Stability:	1.1 °C (2 °F) in still air
Tip Temperature Accuracy:	Meets or exceeds IPC J-STD-001 Standard
Power Cord Length:	183 cm, 18/3 SJT
Warranty:	1 year
Ambient Operating Temp:	10 - 40 °C (50 - 104 °F)
Max. Enclosure Temp:	55 °C (131 °F)
Solder-Pen Specification	Solder-Pen
Hand-Piece Cable Length:	183 cm (72"), burn proof, ESD-safe
Hand-Piece - RF Connector:	F-type power connector
Desolder-Pen Specification	MX-DS1
Hand-Piece Cable Length:	183 cm (72"), burn proof, ESD-safe
Hand-Piece - RF Connector:	F-type power connector
Air Hose:	ESD-save
Tweezer Specification	MX-PTZ
Hand-Piece Cable Length:	183 cm (72"), burn proof, ESD-safe
Hand-Piece - RF Connector:	F-type power connector
Desolder Work Stand	MX-W5DS

For Sales and Support:

Metcal Corporate Headquarters
 10800 Valley View Street,
 Cypress, California, 90630, USA
Tel: 1-714-799-9910
Fax: 1-714-828-2001
E-mail: eorders@okinternational.com

Visit our website for more information and to contact the Metcal office nearest you. We have several offices worldwide that are ready to serve your needs.

metcal.com/contact-us

