Dual and Hoof Cartridge Tips

The success of conduction soldering depends upon the availability and controlled flow of thermal energy into the connection during two critical phases – flux activation and intermetallic bond formation. Higher thermal demand applications such as microwave shields, heavy block type housing and tabbing, preheat applications, BGA removal as an alternative to convection, cell phone shields, and industrial lugs and leads require additional thermal energy during these critical phases.

To address these challenging applications, Metcal offers the MX-HPDC dual cartridge hand-piece with the MX-WHPDC workstand for use with the MX series power supplies, along with a new series of (5) SMTC dual-shaft cartridges. Dual shaft cartridges are available with 700 & 800 series heaters.



<image>

Systems Configuration & Upgrade Kits

MX-5200 power supply in dual-simultaneous mode to provide 40W of power to both heaters

2x MX-5200 power supplies to provide 80W of power to both heaters

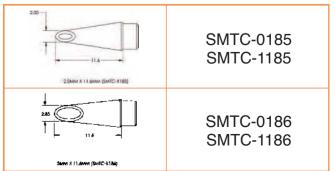
art Number	Description
IX-HPDC	Dual Cartridge Hand-Piece
IX-WHPDC	Workstand for Dual Cartridge Hand-Piece
IX-UK3	Upgrade Kit, MX-HPDC Hand-Piece & MX-WHPDC Workstand
MTC-xCH75D	Dual Cartridge Chisel, 7.5mm
MTC-xCH100D	Dual Cartridge Chisel, 10mm
MTC-xCH150D	Dual Cartridge Chisel, 15mm
MTC-xDRH75D	Dual Cartridge, Hoof, Drag, 7.5mm
MTC-xCHB100D	Dual Cartridge Chisel, Bent, 10mm
IX-WHPDC IX-UK3 MTC-xCH75D MTC-xCH100D MTC-xCH150D MTC-xDRH75D	Workstand for Dual Cartridge Hand-Piece Upgrade Kit, MX-HPDC Hand-Piece & MX-WHPDC Workstand Dual Cartridge Chisel, 7.5mm Dual Cartridge Chisel, 10mm Dual Cartridge Chisel, 15mm Dual Cartridge, Hoof, Drag, 7.5mm

Concave Hoof Cartridges

Metcal is pleased to release our new Concave Hoof geometries to our family of rework cartridges.

The new cartridges consist of 2mm and 3mm geometrics in the SMTC and SxP series.

The concave hoof cartridges improve the drag soldering techniques as the concave face of the tip provides a reservoir of solder. These are ideal for drag soldering multi-lead devices.



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