

Dual Cartridge Hand-Piece MX-HPDC & Dual SMTC Cartridges



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 applications, preheat applications, BGA removal as an alternative to convection, cell phone shields, and industrial lugs and leads require additional thermal energy during the two critical phases.

The following part numbers are offered:

- SMTC-7CH75D**
Dual Cartridge Chisel, 7.5mm
- SMTC-7CH100D**
Dual Cartridge Chisel, 10mm
- SMTC-7CH150D**
Dual Cartridge, Chisel, 15mm
- SMTC-7DRH75D**
Dual Cartridge, Hoof, Drag, 7.5mm
- SMTC-7CHB100D**
Dual Cartridge, Chisel, Bent, 10mm
- SMTC-8CH75D**
Dual Cartridge, Chisel, 7.5mm
- SMTC-8CH100D**
Dual Cartridge, Chisel, 10mm
- SMTC-8CH150D**
Dual Cartridge, Chisel, 15mm
- SMTC-8DRH75D**
Dual Cartridge, Hoof, Drag, 7.5mm
- SMTC-8CHB100D**
Dual Cartridge, Chisel, Bent, 10mm

MX Power Supply and MX-HPDC Hand-Piece with 7.5mm Chisel Tip and MX-WHPDC Work Stand

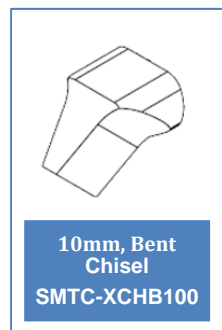
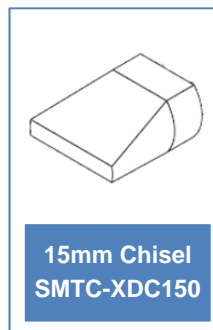
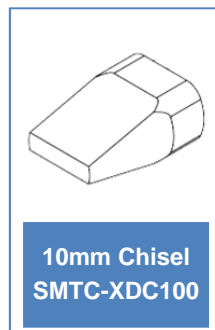
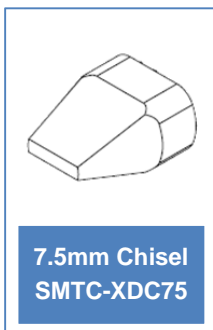


To address these opportunities, Metcal offers the MX-HPDC dual cartridge hand-piece for use with its MX-series of power supplies and SMTC dual tip-cartridges.

To meet the higher thermal demands, the MX-HPDC can be used (in order of preference) in the following ways:

- MX-5200 in dual-simultaneous mode to provide 40W of power to both heaters
- 2 MX-500s to provide 40W of power to both heaters
- 2 MX-5000/5200s to provide 80W of power to both heaters.

Dual cartridge SMTCs are available with 700 & 800 Series heaters and in 5 standard configurations.



X=1, 700 Series for most standard applications
X=8, 800 Series for ceramic and high thermal demand applications

www.metcal.com

NEW PRODUCT ANNOUNCEMENT