



High Thermal Demand Solution (for MX-5200 Series)

Introducing the New High Thermal Demand Solution

Metcal's High Thermal Demand hand-piece and tips transform an MX-5000 or MX-5200 series into a powerhouse for applications with high thermal loads such as dense boards, without damaging sensitive components.

It reduces the risk of prolonged soldering contact and improves time to manufacture while maintaining the comfort of the sleek and ergonomic hand-piece that you're used to.

Metcal's HTD solution provides a boost in performance by **more effectively delivering thermal energy** to the most demanding loads.



High Thermal Demand Solution

(For MX-5200)



The system's ability to deliver more thermal energy, efficiently minimizes the risk of component or printed circuit board damage associated with leaving a soldering iron tip on the solder joint for extended periods of time.

Configurations:

MX-UK6 Upgrade Kit:

MX-W1AV (Workstand)

MX-H6-HTD (Hand-piece)

Cartridge Selection:

Part #	Description
HTC-xCH0025S	Cartridge, Chisel, 2.5mm
HTC-xCH0053S	Cartridge, Chisel, 5.3mm
HTC-xCN0020S	Cartridge, Conical, 2.0mm
HTC-xVC0053S	Cartridge, V-Groove Chisel, 5.3mm

The x represents the heater series. 700 series=7, 800 series=8



Comparing an HTD and an STTC tip of similar geometry.

Key Features & Benefits

- Improved temperature control - Metcal's **SmartHeat®** inside means lower risk of overshooting delicate components
- Very fast heat-up speed means you can get to your next task even faster
- Ergonomic lightweight hand-piece keeps you comfortable even on large industrial jobs
- Available in 700 and 800 series temperatures, with 900 series coming soon

HTD Increases Throughput and Saves Money

HTD 2.5mm tip reaches 225 celsius 20% and 70% faster than, existing STTC-136P and STTC-136 tips.

