

Solder cartridge tip chisel angled 30° 1.5 x 11.9 mm 302 °C STTC series - Metcal STTC-599

Item no. WL24392

Manufacturer Metcal

Solder cartridge tip from the Metcal STTC series with a chisel angled 30° tip of 1.5 x 11.9 mm. SmartHeat induction heating holds the tip at 302 °C on its own, so no calibration and no temperature setting are required during production. Intended for temperature sensitive assemblies at hand soldering stations running the MX-500, MX-5000 and MX-5200 systems.

Kein Produktbild

TECHNICAL DATA

Weight **0.1 kg**

DESCRIPTION

For hand soldering of pads and leads that need heat quickly, the STTC-599 cartridge from the Metcal STTC series provides a chisel angled 30° tip of 1.5 x 11.9 mm at a fixed working temperature of 302 °C. The heater sits inside the cartridge itself and the temperature is maintained inductively, so neither calibration nor readjustment is needed.

BENEFITS

- Self regulating tip temperature of 302 °C without calibration or controller setting
- Chisel face 1.5 mm wide transfers heat over a large area to pad and component lead
- Tip bent by 30° allows a flat approach angle to the board while the pad stays visible
- Tip length 11.9 mm for access to joints on densely populated assemblies
- Cartridge change in seconds with the MX-H1-AVA and MX-RM3E hand pieces

TECHNICAL DATA

Item number	WL24392
Model	STTC-599
Manufacturer	Metcal
Manufacturer item number	STTC-599
Order unit	piece

Product series	STTC series
Tip length	11.9 mm
Tip width	1.5 mm
Tip shape	chisel
Tip alignment	bent 30°
Tip temperature	302 °C
Suitable hand piece	MX-H1-AVA, MX-RM3E
Suitable systems	MX-500, MX-5000, MX-5200
Weight	0.1 kg

APPLICATIONS

The cartridge is used at hand soldering benches in electronics production, repair and prototype work. The narrow chisel face matches through hole leads, chip packages and terminal blocks on mixed technology boards. The low tip temperature limits heat input into sensitive components and board material.

COMPATIBILITY AND SCOPE OF DELIVERY

The STTC-599 cartridge fits the MX-H1-AVA and MX-RM3E hand pieces and runs on the Metcal MX-500, MX-5000 and MX-5200 systems. Within the STTC series tip geometry and working temperature can be combined freely while the hand piece stays the same. Scope of delivery is one STTC-599 solder cartridge tip, order unit piece.