Weller®

SMART Ultra



RTUS 032 S L MS

CHISELTIP LONG 3,2 X 0,8 MM

ORDER NO: T0050113399

Production within the electronics, medical technology and aerospace industries is moving faster than ever before, as components become more powerful. With a new generation of RTUS MS Smart Tips, Weller meets these increasing demands with its Smart Tips that include an integrated chip in every soldering tip, which offer many new features to the user. Lock functions make the soldering processes repeatable and transparent. Weller offers high power smart soldering tips for heavy duty and large applications. Multilayers can be soldered safely.

KEY FEATURES

- > RTUS 032 S L MS Chisel tip 3,2 X 0,8 mm long / 150 W
- > MIL-SPEC (IPC -TM-650 2.5.33)
- > TOOL COMPATIBILITY
 For use with WXUPS MS smart soldering iron and
 WXsmart soldering station

PERFECT FOR HEAVY-DUTY SOLDERING APPLICATIONS The WXUPS uses Thermal Core Technology for optimized heat transfer through the joint, with 150W performance for maximum power. It covers heavy-duty applications with large component

> EXTREMELY FAST 7-SECOND HEAT-UPTIME FOR HEAVY-DUTY APPLICATIONS

sizes from 1612 and bigger (XL to XXL)

Weller's active tip technology (cartridge) provide an optimized heat transfer with 150 W maximum power, 24V performance. The extremely fast 7-second heat-up time delivers excellent heat transfer and recovery time during the soldering process for a high-performance continuous workflow.

> MAXIMUM PRECISION

Short tip-to-grip distance and optimized shape provides maximum precision during the soldering process.

> THERMAL CORETECHNOLOGY PROVIDES HIGH POWER ATTHETIP POINT

150 W delivers maximum power through the joint so even multilayer boards can be soldered precisely

> CLEAR IDENTIFICATION OF SMARTTIPS

The Weller WXsmart soldering station identifies each RTUS cartridge tip automatically

> FULL PROCESS CONTROL WITH TIP LOCK FUNCTION

Locked parameters on tip allows full process control and prevents for default during the soldering process

> FULL TRACEABILITY WITH TIP ID NUMBER AND INTEGRATED DATA STORAGE

Each smart soldering tip has a unique individual serial number for full traceability. The integrated data storage provides full traceability of calibration history

> ACCURATE DATA RESULTS WITH TIP-OFFSET FUNCTION

Using the Tip Offset Function, you can easily change the reference point of the sensor. Just add the measured positional offset value and the sensor's origin will be translated and reset. Tip Offset provides a simple way to get the best results and achieve the highest degree of accuracy.

> FAST, SAFE AND EASYTIP EXCHANGE

The patented Weller RT US smart cartridge tips can be changed quickly without the need of any additional tool, despite hot temperature conditions.

> MAXIMUM PROTECTION

The RTUS smart soldering tips are fully compliant with IPC industry standards (IPC -TM-650 2.5.33 Measurement of Electrical Overstress from Soldering HandTools) and are also MIL-SPEC compliant. This provides maximum protection to both the printed circuit board and components, achieving excellent results, while keeping operating costs low.

