**SMART Pico**

# RTPS 001 C MS

## SOLDERING TIP CONICAL Ø 0,1 MM

ORDER NO: T0050110399




Production within the electronics, medical technology and aerospace industries is moving faster than ever before, as components become more complex. With a new generation of RTMS MS SmartTips, Weller meets these increasing demands with its SmartTips that include an integrated chip in every soldering tip, which offer many new features to the user. The Micro Soldering Tips provide an optimized heat transfer with 40W maximum power, 12V performance for micro and standard components 0504 to 1608 (M to L). Lock functions make the soldering processes repeatable and transparent. Weller offers the world's largest selection of smart soldering tips for micro applications.

## KEY FEATURES

> **RTPS 001 C MS**
Soldering tip conical Ø 0,1 mm / 40 W

> **MIL-SPEC**
(IPC - TM-650 2.5.33)

> **TOOL COMPATIBILITY:**
For use with WXMPS MS smart soldering iron and WXsmart soldering station

> **PERFECT FOR ALL MICRO AND STANDARD SOLDERING APPLICATIONS:**
Smart high performance active tips for micro and standard components: 0504 to 1608 (M to L))

> **EXTREMELY FAST 3-SECOND HEAT-UP TIME FOR STANDARD APPLICATIONS**
Weller´s active tip technology (cartridge) provides an optimized heat transfer with 40W maximum power, 12V performance. The extremely fast 3-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 tip shape provide maximum precision during the soldering process.

> **WIDE TIP RANGE FOR EVERY APPLICATION**
More than 40 smart universal soldering tip shapes and sizes that are connectable to just one soldering iron, with no need for additional tools.

> **CLEAR IDENTIFICATION OF SMART TIPS**
The Weller WXsmart soldering station identifies each RTMS 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 EASY TIP EXCHANGE**
The patented Weller RT MS smart cartridge tips can be changed quickly without the need of any additional tool, despite hot temperature conditions.

> **MAXIMUM PROTECTION**
The RTMS smart soldering tips are fully compliant with IPC industry standards (IPC - TM-650 2.5.33 Measurement of Electrical Overstress from Soldering Hand Tools) 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.



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