

## WTPP MS



Item No: T0052924099

Nano/Pico soldering iron WTPP 40 W,  
12 V (hand piece without tips) with  
Active-Tip Heating Technology

Compact. Powerful. Versatile.

Boost your productivity

Production in the electronics, medical and aerospace industries is accelerating as components become smaller, more complex and more powerful. Surface mount technology is now the industry standard, largely replacing through-hole technology. These SMDs are often the smallest components, which means you need nano soldering tips to meet these requirements when soldering these devices.

Weller RT Nano/Pico soldering tips are designed for the smallest high precision applications:

Soldering the smallest components such as SMDs from 0402 down to 01005

Soldering very small components and pads with medium power requirements

For the most demanding requirements, you can choose between MIL-SPEC and IPC standard soldering tips, which are potential-free (MS versions).

For micro-soldering applications in the electronics, aerospace, sensor, medical, military and automotive

industries.

## KEY FEATURES

- + Fine slim Soldering Iron Handle  
RTP Active Tip Technology, for smallest nano/pico soldering tasks.  
To be ordered separately
- + Active Tip Technology  
The RTP tips join features as in-built sensor and perfect heat transfer, for the fastest heat-up and recovery time.
- + Reduce Downtimes  
For a faster and more efficient workflow and for better results.
- + Patented tip and grip design  
Fast and hassle-free tip changing without any additional tool.
- + Precise control, ergonomic grip  
The boomerang handle design allows for precise handling while providing an ergonomic and secure grip.
- + MIL-SPEC / IPC Standard  
RTM soldering tips are fully compliant with IPC standards. The MS versions are also MIL-SPEC compliant
- + Nano/Pico soldering iron 40 W, 12 V  
Handpiece, soldering tip needs to be ordered separately  
RTP Tip Family  
Military Standard  
For extremely small components with high energy demand  
For miniature works under a microscope  
RT Soldering tips can be exchanged quickly and easily  
Active Tip (Cartridge)-System allows exchange of soldering tip despite a hot soldering iron  
Extremely short heating time, 3 sec.  
Standby function
- + Nano/Pico soldering iron 40 W, 12 V  
Handpiece, soldering tip needs to be ordered separately  
RTP Tip Family  
Military Standard  
For extremely small components with high energy demand  
For miniature works under a microscope  
RT Soldering tips can be exchanged quickly and easily  
Active Tip (Cartridge)-System allows exchange of soldering tip despite a hot soldering iron  
Extremely short heating time, 3 sec.  
Standby function

# TECHNICAL DATA

Approximate Heating Time (50–350 °C/120–660 °F)	3 sec
ESD Safe	Yes
Mil-Spec	Yes
Power Consumption	40 W (55 W)
Safety Rest	WSR 205
Temperature Range °C	100 - 450 °C
Temperature Range °F	150 - 950 °F
Tip Range	RTP MS
UPC	037103380678
Voltage	12 VAC
Works With	WT1M / WT2M / WR3M
Product Family	WT Soldering Irons