# SMART Ultra Tips

# RTWUS 100 K

## TIP BLADE

10,0 mm / 0.393 inch

ORDER NO. T0050117199



## Pair of Ultra Soldering and Desoldering Tips, 2 x 75 W, 24 V

**Fast. Precise. Smart.**

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 RTWUS Ultra Tips, Weller meets these increasing demands with its Ultra tweezers desoldering tips which provide an optimal heat transfer with 2 x 75W maximum power, 24V performance for very large components (XL). 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. The parallel sliding block allows for increased productivity with the pre-adjusted ready-to-use pairwise tip design.

## KEY FEATURES

> HIGH-PERFORMANCE / HIGH-PRODUCTIVITY
- Extremely short heat-up time: 10 sec.
- Quick response time

> HIGHEST PRECISION
- Maximum precision during the soldering process with short tip-to-grip distance and optimized tip design.
- Precise positioning ensured with unique parallel sliding block guide.
- No alignment necessary after tip change with pairwise design
- Adjustability functions with Allen key: 1.5mm possible if needed (±80° rotation angle adjustment + vertical length adjustment of ±1.2mm)
- Desoldering Tweezers Tips allow Automatic Tip-Offset

> FASTEST TWEEZERS TIP CHANGE

Active Tip Cartridge System allows for easy exchange of soldering tip even with a hot desoldering tweezers, all without needing an extra tool or further adjustment

> ERGONOMICS

Improved comfort and safe handling with new ergonomic soft grips

> UNIQUE INTELLIGENT TWEEZERS TIPS
- Automatic Smart Tweezers Tip Identification
- Full Traceability with Tweezers Tip ID Number and Integrated Data Storage
- Accurate Data Results with Tip-Offset Function
- Full Process Control with Tip Lock Function

| TECHNICAL DATA |
|---|
| **Temperature Range**<br>100 - 450°C / 200 - 850°F |
| **Power Consumption**<br>2 x 75 W |
| **Mains Supply Voltage**<br>24 V / AC |
| **Heat up Time (50°C - 350°C) (120°F - 660°F)**<br>10 sec |
| **Tip Size (mm)** 10,0<br>**Tip Size (inch)** 0.393 |
| **Military Standard**<br>According to Military Standard, Mil-Spec compliant and fully compliant to IPC industry standards (IPC - TM-650 2.5.33 Measurement of Electrical Overstress from Soldering Hand Tools) |
| **ESD safe** |
| **Fits to**<br>WXUTS Ultra Tweezers Handpiece |
| **Subject to technical alterations and amendments.** |



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