

Weller Smart Micro Soldering and Desoldering SET

SKU: GW-WXMTS



Features & Benefits

- ◆ Extremely short heat-up time of 5 seconds for faster operation.
- ◆ Excellent reaction time ensures efficient performance in high-speed rework tasks.
- ◆ Maximum precision with short tip-to-grip distance and optimised tip design.
- ◆ Unique parallel sliding block guide for precise positioning, ensuring accuracy in small component soldering.
- ◆ No alignment necessary after tip changes due to pairwise pre-adjusted tips.
- ◆ **Adjustability:** Fine-tune the tool with an Allen key for $\pm 80^\circ$ rotation and $\pm 1.2\text{mm}$ vertical length adjustments.
- ◆ Smart 2-in-1 design allows for quick switching between Smart Pico and Smart Micro Tweezers Tips, supporting SMD rework under the microscope.
- ◆ Active Tip Cartridge System for fast, tool-free tip changes.
- ◆ Automatic tip-offset for improved desoldering accuracy and consistency.
- ◆ Visual process control via RGB signal function for easy tool identification and colour customisation.
- ◆ Integrated parameter memory for standby temperature and automatic switch-off settings.
- ◆ Ergonomically designed with soft grip handles for improved comfort and safe handling.
- ◆ ESD safe to protect sensitive components from electrostatic discharge.
- ◆ Compatible with WXsmart stations for traceability and connectivity.

About the Weller Smart Micro Soldering and Desoldering SET

The Weller Smart Micro Soldering and Desoldering SET is an advanced toolset designed for high-precision soldering and desoldering of small SMD components, including 0402, 0201, and 01005 packages.

This set includes the WXMTS Tweezers (80 W, 24 V), RTWMS 030 K Tips (2 x 40 W), and the WSR 210 Safety Rest, providing a complete solution for smart soldering and rework.

Whether you're working under a microscope or handling delicate electronic assemblies, the WXsmart Tweezers offer the highest precision and performance, ideal for miniaturisation tasks and heavy-duty applications alike.

With an extremely short heat-up time of just 5 seconds and excellent reaction time, the WXsmart Tweezers ensure that your workflow remains uninterrupted and efficient. The unique parallel sliding block guide and short tip-to-grip distance provide maximum precision during the soldering process, allowing for precise positioning with no alignment necessary after tip changes, thanks to the pairwise pre-adjusted design.

The smart 2-in-1 design of the desoldering tweezers supports both Smart Pico and Smart Micro Tweezers Tips, enabling you to switch seamlessly between tasks without needing separate tools. The Active Tip Cartridge System makes tip changes quick and easy, even when the tool is hot, eliminating the need for additional tools or adjustments. Plus, the intelligent desoldering tweezers tips allow for automatic tip-offset, improving the overall efficiency and precision of your work.

For added convenience, the Weller Smart Micro Soldering and Desoldering SET offers visual process control through an RGB signal function, allowing for easy tool identification and colour customisation (choose from 12 colours). The set also includes an integrated parameter memory, enabling you to store standby temperature and automatic switch-off times in the soldering iron, which can be applied across all WXsmart stations.

Specifications

Property	Detail
Application	ESD-protected areas, electronics mfg, cleanrooms