

Weller WX 2021 Soldering Station

SKU: GW-WX2021



Features & Benefits

- ◆ **Antistatic Touchscreen:** The Weller WX 2021 features a robust touch screen made of antistatic-coated glass, ensuring safe operation within ESD-sensitive environments. The touch panel measures 74 x 38 mm with a resolution of 255 x 127 (128) dots and 4 LEDs backlighting, providing excellent visibility and intuitive navigation.
- ◆ **Innovative Operation Concept:** The station offers an intuitive user interface with a turn-click-wheel and an enter key. The finger guide ensures that operation is comfortable and precise. The blue LED backlighting and multilingual menu navigation make it easy to understand and configure settings, even in low-light environments.
- ◆ **Dual-Outlet Power Unit WX 2:** The WX 2021 includes the WX 2 power unit with dual outlet channels, allowing you to connect and control multiple tools simultaneously. This feature makes it a great choice for environments where multiple soldering tasks are performed in parallel.
- ◆ **Integrated Acceleration Sensor:** One of the standout features of the Weller WX 2021 is the integrated acceleration sensor in the soldering iron, which automatically activates the Stop & Go function. This eliminates the need for a traditional safety rest while maintaining safety and extending tip life.
- ◆ **USB Interface:** The USB interface on the front of the device allows for easy firmware updates, parameterisation, and monitoring. It supports standard USB flash drives, making it convenient to transfer settings or tools' configuration parameters.
- ◆ **Advanced Connectivity & Customisation:** The WX 2021 features equipotential bonding via a 3.5 mm switch that offers four different options: a) Hard grounded without plug (default delivery) b) Equipotential bonding with plug, compensation line on centre contact c) Potential-free with plug d) Soft grounded with plug and soldered resistor grounded via selected resistor
- ◆ **Set Consists of:** WXMP Soldering Iron (55W) : The WXMP 55W soldering iron is designed for precision soldering and features intelligent control for enhanced soldering performance

About the Weller WX 2021 Soldering Station

The Weller WX 2021 Soldering Station is a powerful and versatile soldering system designed to meet the diverse needs of modern soldering applications, particularly for SMD soldering and rework.

With its elegant design, solid performance, and intuitive user interface, the WX 2021 stands out as an ideal solution for a wide range of soldering tasks, from LED backplanes and solar applications to precision miniature and SMD connections.

Set Consists of:

- **WXMP Soldering Iron (55W):** The WXMP 55W soldering iron is designed for precision soldering and features intelligent control for enhanced soldering performance. It comes with an RT3 tip, which provides optimal heat transfer and is ideal for SMD soldering and rework applications.
- **RT3 Tip:** The RT3 tip is designed for high-precision soldering and is compatible with the Weller WX 2021 station. It is a versatile choice for general soldering, offering excellent heat control and tip longevity.
- **Safety Rest WDH51:** The WDH51 safety rest ensures the soldering iron remains safely stored when not in use, helping to prevent accidents and keep your workstation organised.
- **WXMT Micro Tweezers (RTW2):** The WXMT micro tweezers are ideal for handling small components with precision. The RTW2 tiplets allow for fine manipulation of tiny parts, ensuring accurate placement without damaging sensitive components.
- **WSR 200 Stand:** The WSR 200 stand provides secure storage for the soldering iron and ensures that it stays in place when not in use, protecting both the tool and the work surface.

CLICK HERE FOR RT Soldering Tips and RTW Soldering Tips

Technical Specifications:

- Power Unit: WX 2
- Channels: 2
- Power Supply: 230V, 50 Hz
- Power Consumption: 200W (255W)
- Protection Class: I
- Temperature Range: 50°C - 550°C (150°F - 999°F)
- Temperature Accuracy: ± 9°C (± 17°F)
- Temperature Stability: ± 2°C (± 4°F)
- Dimensions (L x W x H): 170 x 151 x 130 mm (6.69 x 5.94 x 5.12 inches)
- Weight: 3.2 kg
- WXMP Soldering Iron (55W)
- Max. Power: 55W
- Tip: RT3 (compatible with RTW tips)

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Features: Smart temperature control and motion sensor
 USB Interface: Supports firmware updates, parameterisation, and monitoring via USB.