

WXsmart 2-Channel Supply Unit, 300 W /230 V



Managing your entire soldering process from tip to station has never been easier or more productive than with the first handheld combination soldering platform, WXsmart. With patented Total Process Control (TPC), WXsmart provides maximum connectivity and traceability with the highest quality. The platform offers full compliance with all IoT standards. It is the first hand soldering station with cybersecurity to prevent costly downtime.

As the most connected, monitored and secured hand soldering solution in the world, WXsmart represents the future of soldering!

- Full process and tool control with 1 device: The WXSsmart is a centralized supply unit that acts as the brain of the workbench, controlling multiple devices simultaneously. WXair rework module, suction units and automatic valve, auto calibration unit and preheating plates can all be easily controlled by the WXSsmart, with all tools coordinated with each other.
- All connection interfaces integrated The first soldering station to offer maximum connectivity by integrating all interfaces (ex factory); eliminating additional hardware costs.
- Total Process Control with new user management including password protection (PIN): WXSsmart gives the administrator full process control of an individual operator account with password protection, so operations are secured against unauthorized access.
- Highly intuitive operator interface (BOF): Weller's WXSsmart features a completely new,

highly intuitive operator interface. With 4 quick swipes, the operator can easily navigate through the soldering stations, saving time and money

- Most powerful IOT soldering and rework station - worldwide! 2-channel high power station with power up to 300 W including desoldering and hot air tool support.
- "Full Traceability of Soldering Process: Tracing the hand soldering process with the WXSmart platform provides complete transparency, full process documentation and high process control. This greatly reduces failure in the soldering production, providing a higher quality of end result products and output. By leveraging existing IoT standards, Weller delivers data that is available in different formats and can be easily integrated into your ERP system. Data transfer of the manual hand soldering in real-time. Weller offers three efficient ways to easily transfer and store data: 1. Directly from the station: Direct connection to the MES system, collecting the data directly via broker systems. 2. Weller Windows Application App: Offers the possibility to store continuous data to a CSV file. 3. USB storage device: These files can also be imported to a SQL Database "
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- Accurate work processes with real-time power and temperature graphs: the newly integrated station screen allows operators to view the power and temperature graphs of their soldering processes in color and in real time.
- Protection from cyberattacks: The first soldering station with built-in protection from cyberattacks.
- Outstanding visibility with a large heat-resistant ESD-safe color glass touchscreen: Only Weller has a fully ESD-safe soldering platform on offer. The large patented 4.3-inch TFT color glass touchscreen is the only screen on the soldering market that is truly ESD safe and heat resistant.

[<https://www.youtube.com/watch?v=w8taHwnQBEl>More information here]

item number	WL71877
model	WXsmart
model line	WXsmart
manufacturer	WELLER
manufacturer item number	T0053451699
length	175 mm
width	154 mm
height	144 mm
scope of supply	2-channel supply unit
length in inches	6.9 in
width in inches	6.06 in
height in inches	5.7 in

order unit	1 piece
content unit	1 piece
frequency	2412-2472 MHz / 2422-2462 MHz
power	300 W
voltage	230 V
fuse	3.15 A
temperature range °C	100 – 450 °C
temperature range °F	200 – 850 °F
temperature accuracy °C	±9
temperature accuracy °F	±17
output power supply unit	17.33 dBm
station type	soldering station
digital display	yes
temperature stability °C	±2
temperature stability °F	±4
ESD safe	yes