



## FOR EVERY PURPOSE. A NEW REWORK KIT.

### WXsmart HEAVY DUTY REWORK KIT, 120 V

ORDER NO: WXS2022

#### Heavy Duty Rework Kit. For every purpose. A new soldering kit. .

Streamlined rework system designed for the most demanding tasks in the electronics, medical, aerospace, and automotive industries. It offers the fastest heat-up and recovery times, full tip-to-station process control with the new smart tools. World-class connectivity, an easy-to-use color touch screen and cybersecurity complete the package.

### KEY FEATURES

#### > SCOPE OF SUPPLY

- T0053451299 WXsmart 2 Channel soldering station, 300 W
- T0051321399 WXUTS SET, Ultra soldering tweezers 150 W, including tip RTWUS 015 B and Safety Rest WSR 210,
- T0052923599 WXUPS MS Ultra soldering iron for heavy duty tips, 150 W
- T0050113299 RTUS 032 S MS Ultra soldering tip, chisel 3,2 x 0,8mm
- T0051517499N WSR 200 Safety Rest
- T0053450299 WCTHTip Holder

#### > DRIVING FOR EFFICIENCY, FAST HEAT-UP TIMES

Weller's active tip technology (cartridge) provides optimized heat transfer with a maximum power of 150W, 24V. Both the Ultra Tweezers and the Ultra Soldering Iron have an extremely fast heat-up time of 7 seconds. They provide excellent heat transfer and recovery time during the soldering process for a high performance, continuous workflow.

#### > PERFECT FOR HEAVY-DUTY SOLDERING APPLICATIONS

The Ultra Tweezers and Iron use Thermal Core Technology for optimized heat transfer through the joint, with 150W performance for maximum power. It covers heavy-duty applications with large component sizes from 1612 and bigger.

#### > FULL PROCESS CONTROL

Smart tips with a unique individual serial number, smart tools for data parameter storage and an intelligent station ensure full process control and full traceability of calibration history.

#### > ALL-IN-ONE STATION

All-in-one Wxsmart soldering station for all your heavy duty applications. The station is equipped with 300W, 2 soldering channels. A total of 12 tools can be connected to the WXsmart. For even the smallest applications, simply connect a pico iron to the station and you are fully equipped. One station for all your soldering needs.

#### > PROTECTION AGAINST CYBER ATTACKS

TLS encryption and two-factor authentication (2FA), including Weller's built-in certificate upload mechanism that provides the soldering station with a customer verification-certificate, and protected software updates

#### > HIGHER QUALITY OUTPUT

Managing your entire soldering process, from tip to station, has never been easier or more productive with the first all-in-one WXsmart Hand Soldering platform. With Total Process Control, the WXsmart offers maximum connectivity and traceability at the highest quality. The platform fully supports all IoT standards. It is the first hand soldering station with cybersecurity to prevent costly downtime.

#### > ESD SAFE

The WXsmart Station and all the connected tools are fully ESD safe.





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## + TECHNICAL DATA

TECHNICAL DATA SOLDERING STATION WXsmart
<b>Dimensions L x W x H</b> 173 mm x 153 mm x 142 mm / 6,81 inch x 6,02 inch x 5,59 inch
<b>Weight</b> 4,5 kg
<b>Mains supply voltage</b> 100V AC / 50/60 Hz 120V AC / 60 Hz 230V AC / 50/60 Hz
<b>Power consumption</b> 300W
<b>Safety class</b> I, Supply unit / III, Soldering tool
<b>Fuse</b> 100V /T6,3A 120V /T5A 230V /T3,15A
<b>Temperature range</b> 100 - 450°C (550°F) <b>Tool dependent</b> 200 - 850°F (950°F)
<b>Temperature accuracy</b> ± 9 °C / ± 17 °F
<b>Temperature stability</b> ± 2 °C / ± 4 °F
Subject to technical alterations and amendments.

TECHNICAL DATA SOLDERING TWEEZERS WXUTS
<b>Temperature Range</b> 100 - 450°C / 200 - 850°F
<b>Power Consumption</b> 150W
<b>Mains Supply Voltage</b> 24V / AC
<b>Heat up Time (50°C - 350°C) (120°F - 660°F)</b> 10 sec
<b>Military Standard</b> 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)
<b>ESD safe</b> 
<b>Fits to</b> WXsmart Soldering Station
<b>Tip Family</b> RTWUS
Subject to technical alterations and amendments.

TECHNICAL DATA SOLDERING IRON WXUPS MS (ULTRA)
<b>Temperature range °C:</b> 100 - 450 <b>Temperature range °F:</b> 200 - 850
<b>Power consumption:</b> 150 W
<b>Mains supply voltage:</b> 24 V / AC
<b>Heat-up time:</b> 7 s (50°C to 350°C) (120°F to 660°F)
<b>Tip type series:</b> RTUS MS
<b>Safety rest:</b> WSR 200
<b>Supply unit:</b> WX Smart Station
Subject to technical alterations and amendments.

