



## FOR EVERY PURPOSE. A NEW SOLDERING SET.

### WXsmart HEAVY DUTY SOLDERING SET, 120V

ORDER NO: WXS2012



#### WXsmart Heavy Duty Soldering Set. For every purpose. A new soldering set.

Optimal soldering system for heavy-duty applications in the electrical, medical, automotive and aerospace industries. It offers the fastest heat-up and recovery times thanks to the new smart Ultra soldering tools. The system features full tip-to-station process control, best-in-class connectivity, an easy-to-use color touch screen, and cybersecurity.

## + KEY FEATURES

#### > SCOPE OF SUPPLY

- T0053451299 WXsmart 2 Channel soldering station, 300 W
- T0052923599 WXUPS MS Ultra soldering iron handle 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 WTCH Tip Holder

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

Weller's active tip technology (cartridge) provide an optimized heat transfer with 150 W maximum power, 24V performance. The extremely fast 7-second heat-up time delivers excellent heat transfer and recovery time during the soldering process for a high-performance continuous workflow.

#### > 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.

#### > INVESTMENT SAVINGS

All-in-one solder station to meet all your heavy duty soldering needs with a heavy duty tool of 150W. The Wxsmart station is equipped with 300 W, 2 soldering channels. A total of 12 tools can be connected to WXsmart. There is no need for an additional station.

#### > INDIVIDUAL AND REPEATABLE SOLDERING PROCESSES

Up to 10 parameter settings can be customized and stored in the iron, including standby temperatures and auto-off times.

#### > 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.

#### > 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

#### > 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
<b>Subject to technical alterations and amendments.</b>

TECHNICAL 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> 24V / 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
<b>Subject to technical alterations and amendments.</b>