

WXS2012 Kit 120V

Item No: WXS2012
Heavy Duty Soldering Set

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For every purpose. A new soldering kit.
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

- Driving for efficiency, fast heat-up times
  Weller’s active tip technology (cartridge) provide an optimized heat transfer with 150 W maximum power, 24 V 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 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.

TECHNICAL DATA

Dimensions L x W x H	6.90 x 6.06 x 5.70 in 175 x 154 x 144 mm
ESD Safe	Yes
Fuse	100 V / T6,3A
Power	300 W
Temperature Accuracy °C	± 9°C
Temperature Accuracy °F	± 17°F
Temperature Range °C	100 - 450 °C (550) °C
Temperature Range °F	200 - 850 °F (950) °F
Temperature Stability °C	± 2°C
Temperature Stability °F	± 4°F
Traceability	Yes
UPC	037103375360
Voltage	120V
Product Family	WXS Line Soldering Stations