



Item No: T0053454699

## Nano (Pico)/Micro Soldering Kit

For every purpose. A new soldering kit.

Optimized soldering set with 2 soldering tips for all pico (nano) and micro tasks in the electronics, medical and aerospace industries. Featuring new smart soldering tools, the system offers the fastest heat-up and recovery times, full tip-to-station process control, best-in-class connectivity, easy-to-use color touch screen and highest cybersecurity.

## KEY FEATURES

- + Driving for efficiency, fast heat-up times**  
The new Pico (Nano)/Micro Soldering tool has the fastest heat-up and recovery times of less than 3 seconds. Excellent heat transfer and recovery time during the soldering process for a high performance and continuous workflow. The short tip-to-grip distance provides maximum precision during the soldering process.
- + Cost savings, 1 iron - fits 2 tip families**  
The kit includes 2 soldering tips, a pico tip for very small applications and a micro tip for standard applications. Both tip families fit to just one soldering handle. All you need is one soldering tool and one soldering station.
- + 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.
- + 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.
- + All-in-one Station**  
All-in-one Wxsmart solder station for all your pico and micro application. The station is equipped with 300 W, 2 soldering channels. A total of 12 tools can be connected to WXsmart.
- + 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	230 V / T3,15A
Power	300 W
Temperature Accuracy °C	±9 °C
Temperature Accuracy °F	±17 °F
Temperature Range °C	100 - 450 (550) °C
Temperature Range °F	200 - 850 (950) °F
Temperature Stability °C	±2 °C
Temperature Stability °F	±4 °F
Traceability	Yes
UPC	4003019448081
Voltage	230 V