



## FOR EVERY PURPOSE. A NEW SOLDERING KIT.

### PICO (NANO)/MICRO SOLDERING KIT, 230 V

ORDER NO: T0053454699

#### Pico (Nano)/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

#### > SCOPE OF SUPPLY

- T0053451699 WXsmart, 2 Channel soldering station, 300 W
- T0052923699 WXMPS MS Micro soldering handpiece for pico and micro tips, 40 W, 12 V
- T0050109199 RTPS 004 S MS Pico soldering tip, chisel 0,4 x 0,2mm
- T0050102399 RTMS 013 S MS Micro soldering tip, chisel 1,3 x 0,4mm
- T0051517499N WSR 200 Safety Rest
- T0053450299 WCTH Tip Holder

#### > 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

#### > 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.





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### NANO (PICO)/MICRO SOLDERING KIT, 230 V

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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 <b>Tool dependent</b> 200 - 850°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 DATA SOLDERING IRON WXMPMS MS (PICO/MICRO)
<b>Temperature range °C:</b> 100 - 450 <b>Temperature range °F:</b> 200 - 850
<b>Power consumption:</b> 40 W
<b>Mains supply voltage:</b> 12V / AC
<b>Heat-up time:</b> 3 s (50°C to 350°C / 120°F to 660°F)
<b>Tip type series:</b> RTMS MS / RTPS MS
<b>Safety rest:</b> WSR 200
<b>Supply unit:</b> WX Smart Station
<b>Subject to technical alterations and amendments.</b>

