



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, 300W
- T0052923699 WXMPS MS Micro soldering handpiece for pico and micro tips, 40W, 12V
- 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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+ TECHNICAL DATA

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

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

