

FOR EVERY PURPOSE. A NEW REPAIR KIT. PICO (NANO)/MICRO REWORK KIT, 120 V

ORDER NO: WXS2021



Pico (Nano)/Micro Rework Kit for every purpose. A new soldering kit.

Optimized rework system for all Pico (Nano) and Micro tasks in the electronics, medical, automotive and aerospace industry. The set offers 1 soldering iron with 2 soldering tips from the smallest to bigger soldering application, as well as a desoldering tweezers with pico and micro tips. The tools have the fastest heat-up and recovery times, full tip-to-station process control, best-in-class connectivity, easy-to-use color touch screen and cybersecurity.

+ KEY FEATURES

> SCOPE OF SUPPLY

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|--------------|---|
| T0053451299 | WXsmart, 2 Channel soldering station, 300 W |
| T0052923699 | WXMPS MS Micro soldering handpiece for pico and micro tips, 40 W, 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 |
| T0051321299 | WXMPS Tweezers Set with RTWMS 030 KTip and WSR 210 safety rest |
| T0050115699 | RTWPS 002 XTweezers tip, chisel bent 0,2 x 0,1mm |
| T0053450299 | WCTH Tip Holder |

> COST SAVINGS, 1 IRON - FITS 2 TIP FAMILIES

The kit includes 2 soldering tips, a pico tip and a micro tip. Further a Micro tweezers with 2 tips, a pico tip and a micro tip. Both, the pico tip for very small applications and the micro tip for standard applications fit to just one soldering handle.

> DRIVING FOR EFFICIENCY, FAST HEAT-UP TIMES

The new Pico (Nano)/Micro Soldering and desoldering tools have 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.

> 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

> 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.

> 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

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|---|
| 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 (550°F) Tool dependent 200 - 850°F (950°F) |
| Temperature accuracy ± 9 °C / ± 17 °F |
| Temperature stability ± 2 °C / ± 4 °F |
| Subject to technical alterations and amendments. |

TECHNICAL DATA WXMTS Tweezers

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| Temperature Range 100 - 450°C / 200 - 850°F |
| Power Consumption 80 W |
| Mains Supply Voltage 12 V / AC |
| Heat up Time (50°C - 350°C) (120°F - 660°F) 5 sec |
| Military Standard According to Military Standard, Mil-Spec compliant and fully compliant to IPC industry standards (IPC - TM-650 2.5.33 Measurement of Electrical Overstress from Soldering Hand Tools) |
| ESD safe  |
| Fits to WXsmart Soldering Station |
| Tip Family RTWMS & RTWPS |
| Subject to technical alterations and amendments. |

TECHNICAL DATA SOLDERING IRON WXMPS MS (PICO/MICRO)

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| Temperature range °C: 100 - 450 Temperature range °F: 200 - 850 |
| Power consumption: 40 W |
| 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 208 |
| Supply unit: WX Smart Station |
| Subject to technical alterations and amendments. |