Powerful Soldering Intelligence on A Single Platform

Weller® WX. Intelligent Solutions for Electronic Assembly

WX

www.weller-tools.com

Weller®

Power. Performance. Intelligence.

The WX1 single-channel soldering station

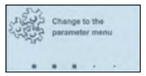
The WX2 two-channel soldering station

A System That Saves You Money

The Weller WX system keeps your cost of ownership low with Intelligent power management to conserve energy and an exceptional degree of tool compatibility.

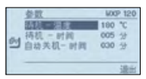
200 I 240W Total Power

Supports operation of one 200W tool or simultaneous operation of two 120W tools (WX2 Only)



Viewable From All Angles

Blue LED Backlighting to strengthen visibility



Global Language Support

Display multiple languages through menu selection

Intuitive Interface

Six touch keys with radius finger guide for turn-and-click navigation

Automatic Energy Saving Mode

Selectable stand-by mode with visual process control via blue LED light ring on most models (light on = heater on, light off = heater off)

Robust Touch Screen

Patented, capacitive touch screen made of antistatic, chemical and temperature resistant glass

Intelligent Tool Recognition

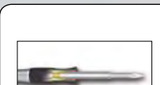
Quick change connectors enable rapid tool interchange

Multi-Purpose USB Port

Quick and localized software updates, parameter configuration and data logging via USB stick

Intelligent Accessory Management

Dual port configuration to manage fume extractors, heating plates and programmable logic controllers



Increased Accuracy

Digital sensor in pencil optimized at short range for peak performance

Programmable Read and Write Memory

Supports quick tool exchange and reduces adjustments needed to the soldering station

Technical data	WX1	WX2
Figure		
Dimensions L x W x H	170 x 151 x 130 mm (6.69 x 5.94 x 5.12 inch)	
Power supply	120 V | 50/60 Hz	
Power consumption	200 W	240 W
Temperature range	Adjustable temperature range varies among tools (100°C – 450°C | 200°F– 850°F)	
Temperature accuracy	± 9°C (± 17°F)	
Temperature stability	± 6°C (± 10°F)	

WX Stations, Irons and Tool Stand Sets (MIL-SPEC and ESD compliant)

WX2020
WX2 station with two WXP120 soldering irons and two WDH10 tool stands

WX2021
WX2 station with WXMP-MS soldering iron and WDH51 tool stand,
WXMT-MS de-soldering tweezer and WDH60 tool stand

WX1010
WX1 station with WXP120 soldering iron and WDH51 tool stand

WX1011
WX1 station with WXMP-MS micro soldering iron and WDH51 tool stand

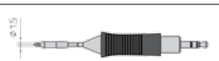
WX1012
WX1 station with WXP65 soldering iron and WDH10 tool stand

WX Irons, Tool Stands, Tips

WXMP micro soldering iron with WDH51 tool stand
- 40W I 12V
- Ideal for soldering small micro components
- RT3-MS chisel soldering tip included

Order number
T0052921799

RT soldering tips

RT1-MS / Needle tip Ø 2.0 mm, 40 W		Order number T0054461499
RT1NW / Needle tip Ø 1.0 mm, chrome 40 W not wettable for component 0201/0204		Order number T0054462599
RT1SC-MS / Chisel tip 0.4 x 0.15 mm, 40 W		Order number T0054461599
RT1SCNW / Chisel tip 3.0 x 1.0 mm, chrome, 40 W not wettable for component 0201/0204		Order number T0054462699
RT2-MS / Needle tip Ø 0.8 mm, 40 W		Order number T0054461799
RT3-MS / Chisel tip 1.3 x 0.4 mm, 40 W		Order number T0054461699
RT4-MS / Chisel tip 1.5 x 0.4 mm, 40 W		Order number T0054461899
RT5-MS / Chisel tip bent 30° 0.8 x 0.4 mm, 40 W		Order number T0054461999
RT6-MS / Angled round tip 45° sloped 1.2 mm, 40 W		Order number T0054462099
RT7-MS / Knife tip 45° sloped 2.2 mm, 40 W		Order number T0054462199
RT8-MS / Chisel tip 2.2 x 0.4 mm, 40 W		Order number T0054462299
RT9-MS / Chisel tip 0.8 x 0.4 mm, 40 W		Order number T0054462399
RT10-MS / Gull wing 1.2 x 2.0 mm, 40 W		Order number T0054462499
RT11-MS / Chisel tip 3.6 x 0.9 mm, 55 W		Order number T0054463199
RT / Measuring tip		Order number K1101

WXP65 soldering iron with WDH10 tool stand

- 65W I 24V
- Ideal for soldering small precision components
- XNTA chisel soldering tip included

Order number
T0052921299

XNTsoldering tips

XNT1 / Micro tip, Width: Ø 0.25 mm		Order number T0054485099
XNT1S / Micro tip, Width: Ø 0.20 mm		Order number T0054485299
XNT1SC / Fine chisel tip, Width: 0.40 x 0.15 mm		Order number T0054486299
XNT4 / Angled round tip, Width: Ø 1.20 mm		Order number T0054485599
XNT6 / Chisel tip, Width: 1.60 x 0.4 mm		Order number T0054485699
XNTA / Chisel tip, Width: 1.60 x 0.4 mm		Order number T0054485199
XNTB / Chisel tip, Width: 2.40 x 0.8 mm		Order number T0054485799
XNTC / Chisel tip, Width: 3.20 x 0.8 mm		Order number T0054485899
XNTD / Chisel tip, Width: 4.0 x 0.8 mm		Order number T0054485399
XNTGW / Gullwing Ø 2.0 x 3.0 x 13.4 mm		Order number T0054485499
XNTH / Chisel tip, Width: 0.8 x 0.4 mm		Order number T0054485999
XNTK / Chisel tip, Width: 1.2 x 0.4 mm		Order number T0054486099
XNTKN / Knife tip, Width: 2.0 mm		Order number T0054486399
XNT Measuring tip		Order number K1131

WXP120 soldering iron with WDH10 tool stand

- 120W I 24V
- Ideal for soldering small and large components
- XTB chisel soldering tip included

Order number
T0052920299

XTsoldering tips

XTA / Chisel tip, Width: 1.6 mm, Thickness: 0.7 mm		Order number T0054470399
XTAA / 60° Angled chisel tip, Width: Ø 1.6 mm		Order number T0054470899
XTAL / Chisel tip, Width: 1.6 mm, Thickness: 1.0 mm		Order number T0054470199
XTB / Chisel tip, Width: 2.4 mm, Thickness: 0.8 mm		Order number T0054470499
XTBB / 45° Angled chisel tip, Width: Ø 2.4 mm		Order number T0054470999
XTBS / Round tip, Width: Ø 2.4 mm		Order number T0054471599
XTC / Chisel tip, Width: 3.2 mm, Thickness: 0.8 mm		Order number T0054470599
XTCC / 45° Angled chisel tip, Width: Ø 3.2 mm		Order number T0054471099
XTCS / Round tip, Width: Ø 3.2 mm		Order number T0054471699
XTD / Chisel tip, Width: 4.6 mm, Thickness: 0.8 mm		Order number T0054470699
XTD45 / 45° Angled chisel (solar) tip, Width: 5 mm		Order number T0054472199
XTDS / Round tip, Width: Ø 5.0 mm		Order number T0054471799
XTE / Chisel tip, Width: 5.9 mm, Thickness: 1.2 mm		Order number T0054470799
XTF / 30° Round single flat tip, Width: Ø 1.2 mm		Order number T0054471899
XTGW / Gullwing tip, Width: 2.3 mm / 3.2 x 33.3 mm		Order number T0054471299
XTH / Chisel tip, Width: Ø 0.8 mm, Thickness: 0.4 mm		Order number T0054471399
XTKN / 60° Knife tip, Width: Ø 2.0 mm		Order number T0054471199
XTM / Chisel tip, Width: 3.2 mm, Thickness: 1.2 mm		Order number T0054470299
XTO / Round tip, Width: Ø 1.0 mm		Order number T0054471499
XT adapter M4		Order number T0054471999
XT adapter M5		Order number T0054472099
XT Measuring tip		Order number K1121

WX Irons, Tool Stands, Tips (Continued)

WXP200 soldering iron with WDH31 tool stand

- 200W I 24V
- Ideal for soldering large high heat components
- XHTB chisel soldering tip included

Order number
T0052920699

XHTsoldering tips

XHTC / Chisel tip, Width 3.2 mm, Thickness: 1.2 mm		Order number T0054480499
XHTD / Chisel tip, Width: 5.0 mm, Thickness: 1.2 mm		Order number T0054480199
XHTE / Chisel tip, Width: 7.6 mm, Thickness: 1.5 mm		Order number T0054480299

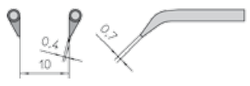
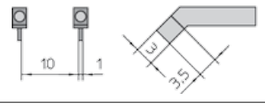
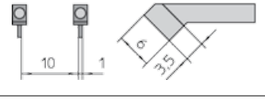
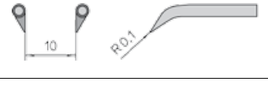
WX Tweezer, Tool Stands, Tips

WXMT-MS micro tweezer iron with WDH60 tool stand

- 2 x 40W I 12V
- Ideal for soldering and desoldering micro components
- RT2-MS chisel tip cartridge included

Order number
T0051320399

RTW soldering tips

RTW1-MS Tip set chisel tip Ø 0.4 x 10 mm, 45°, 80 W		Order number T0054465599
RTW2-MS Tip set chisel tip Ø 0.7 x 0.4 mm, 45°, 80 W		Order number T0054465799
RTW3-MS Tip set chisel tip Ø 3.0 x 1.0 mm, 45°, 80 W		Order number T0054465899
RTW4-MS Tip set chisel tip Ø 6.0 x 1.0 mm, 45°, 80 W		Order number T0054465999
RTW6NW Tip set chisel tip Ø 0.2 x 1.0 mm, 45° chrome unwettable, for soldering and desoldering of micro devices components 0201 / 0402		Order number T0054465699

WX Compatible Fume Extraction Units

WFE2S
Portable volume extraction up to four workstations

WFE4S
Portable on wheels volume extraction up to eight stations

WFE20D
Portable on wheels tip extraction up to 20 FE soldering irons

WX Compatible Heating Plates

WHP1000
850W contact preheater area 220 x 150 mm (8.75 x 6.0 in)

WHP3000*
600W infra-red contact preheater area 120 x 190 mm (4.7 x 7.5 in)

*1200W (230V) infrared contact heater available upon request

WX Accessories

	WX to PC adapter	Order number T0058764711
	WX to WFE/ WHP adapter	Order number T0058764712
	WX to adapter cable connectivity	Order number T0058764710
	WDC2 Dry tip replacement cleaner for WDH tool stands	Order number T0051512599
	Replacement brass wool ball for WDC2 (2 per Pack)	Order number T0051382499
	Tip Polishing bar for soldering tip cleaning	Order number WPB1
	Replacement Sponge for WMPH tool stands	Order number T0052241999
	Tip tinner and activator, 0.5 oz.	Order number T0051303199

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