

Powerful Soldering Intelligence on A Single Platform

Weller® WX. Intelligent Solutions for Electronic Assembly



www.weller-tools.com

Weller®

Power. Performance. Intelligence.



The WX1 single-channel soldering station

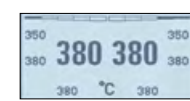


The WX2 two-channel soldering station

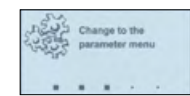


A System That Saves You Money

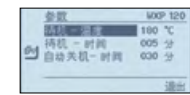
The Weller WX system keeps your cost of ownership low with Intelligent power management to conserve energy and an exceptional degree of tool compatibility.



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	WX Irons, Tool Stands, Tips	
Figure				
			WXMP micro soldering iron with WDH51 tool stand • 40W 12V • Ideal for soldering small micro components • RT3-MS chisel soldering tip included Order number T0052921799	
Dimensions LxWxH	170 x 151 x 130 mm (6.69 x 5.94 x 5.12 inch)		RT soldering tips	
Power supply	120V 50/60 Hz		RT1-MS / Needle tip Ø 2.0 mm, 40 W  Order number T0054461499	
Power consumption	200 W	240 W	RT1NW / Needle tip Ø 1.0 mm, chrome 40 W not wettable for component 0201/0204  Order number T0054462599	
Temperature range	Adjustable temperature range varies among tools (100°C – 450°C 200°F– 850°F)		RT1SC-MS / Chisel tip 0.4 x 0.15 mm, 40 W  Order number T0054461599	
Temperature accuracy	± 9°C (± 17°F)		RT1SCNW / Chisel tip 3.0 x 1.0 mm, chrome, 40 W not wettable for component 0201/0204  Order number T0054462699	
Temperature stability	± 6°C (± 10°F)		RT2-MS / Needle tip Ø 0.8 mm, 40 W  Order number T0054461799	

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



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: 0.40x0.15 mm		Order number T0054486299
XNT4 / Angled round tip,Width: Ø 1.20 mm		Order number T0054485599
XNT6 / Chisel tip,Width: 1.60x0.4 mm		Order number T0054485699
XNTA / Chisel tip,Width: 1.60x0.4 mm		Order number T0054485199
XNTB / Chisel tip,Width: 2.40x0.8 mm		Order number T0054485799
XNTC / Chisel tip,Width: 3.20x0.8 mm		Order number T0054485899
XNTD / Chisel tip,Width: 4.0x0.8 mm		Order number T0054485399
XNTGW / Gullwing Ø 2.0x3.0 x13.4 mm		Order number T0054485499
XNTH / Chisel tip,Width: 0.8x0.4 mm		Order number T0054485999
XNTK / Chisel tip,Width: 1.2x0.4 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
- XTBA 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 / 3.2x33.3 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





GERMANY
WellerTools GmbH
Carl-Benz-Straße, Besigheim
Tel.: +49 (0) 7143 580-0. Fax: +49 (0) 7143 580-108

GREAT BRITAIN
Apex Tool UK Limited
4th Floor Pennine House,
Washington, Tyne & Wear, NE37 1LY
Tel: +44 (0)191 419 7700. Fax: +44 (0)191 417 9421

FRANCE
Apex Tool Group S.A.S.
25 Avenue Maurice Chevalier B.P. 46,
77832 Ozoir-la-Ferrière Cedex
Tel: +33 (0) 160.18.55.40. Fax: +44 (0) 164 64.40.33.05

ITALY
Apex Tool S.r.l.
Viale Europa 80. 20090 Cusago (MI)
Tel: +39 (02) 9033101. Fax: +39 (02) 90394231

SWITZERLAND
Apex Tool Switzerland Sàrl
Rue de la Roselière 8, 1400 Yverdon-les-Bains
Tel: +41 (024) 426 12 06, Fax: +41 (024) 425 09 77

USA
Apex Tool Group, LLC
1000 Lufkin Road
Apex, NC 27539-8160
Tel: +1 (800) 476-3030 Ext. 1, Fax: +1 (919) 387-2640

CANADA
Apex Tools – Canada
5925 McLaughlin Rd. Mississauga, Ontario Canada L5R 1B8
Tel: (905) 501-4785, Fax: (905) 501-4786

CHINA
Apex Tools
18th Floor, Yu An Building, 738 Dongfang Road,
Pudong, Shanghai, 200122 China
Tel: +57 (21) 5111 8300. Fax: +57 (21) 5111 8446

AUSTRALIA
Apex Tools
P.O. Box 366, 519 Nurigong Street,
Albury, N.S.W. 2640. Australia
Tel: +61 (2) 6058-0300. Fax: +61 (2) 6021-7403

www.weller-tools.com

© 2011 Apex Tool Group, LLC | 14600 York Road, Suite A | Sparks, MD 21152

ATG-533 / CG-137300 / 7.5M / PRINTED 10.11 / ITEM No.T550830 / Specifications subject to change without notice.

Weller®

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Apex Tool Group:](#)

[WX2](#) [WX2020](#) [WX2021](#)