

# Powerful Soldering Intelligence on A Single Platform

Weller® WX. Intelligent Solutions for Electronic Assembly



[www.weller-tools.com](http://www.weller-tools.com)

**Weller®**

# Power. Performance. Intelligence.



The WX1 single-channel soldering station



The WX2 two-channel soldering station

A circular graphic with a blue border displays a collection of Weller WX tools. At the top is a WXP65 soldering iron. To the left is a WXMT desoldering pump. In the center is a small WXMP soldering station. To the right is a WXP200 soldering iron. At the bottom right is a WXP120 soldering iron. The Weller+ logo is prominently displayed in the center of the circle.

**WX** WXP65

**WX** WXP200

**WX** WXMT

**WX** WXMP

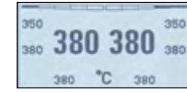
**WX** WXP120

**Weller+**

**One Platform for All Tools**

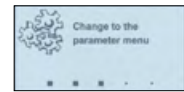
# A System That Saves You Money

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



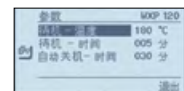
## 200 | 240W Total Power

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**

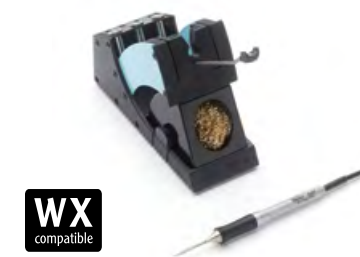
**WX2**

Figure



Dimensions LxWxH	170 x 151 x 130 mm (6.69 x 5.94 x 5.12 inch)	
Power supply	120V   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 Irons, Tool Stands, Tips**



**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

**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

**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





**WXP65 soldering iron with WDH10 tool stand**

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

Order number  
T0052921299

**XNTsoldering tips**

<b>XNT1</b> / Micro tip, Width: Ø 0.25 mm		Order number T0054485099
<b>XNT1S</b> / Micro tip, Width: Ø 0.20 mm		Order number T0054485299
<b>XNT1SC</b> / Fine chisel tip, Width: 0.40x0.15 mm		Order number T0054486299
<b>XNT4</b> / Angled round tip, Width: Ø 1.20 mm		Order number T0054485599
<b>XNT6</b> / Chisel tip, Width: 1.60x0.4 mm		Order number T0054485699
<b>XNTA</b> / Chisel tip, Width: 1.60x0.4 mm		Order number T0054485199
<b>XNTB</b> / Chisel tip, Width: 2.40x0.8 mm		Order number T0054485799
<b>XNTC</b> / Chisel tip, Width: 3.20x0.8 mm		Order number T0054485899
<b>XNTD</b> / Chisel tip, Width: 4.0x0.8 mm		Order number T0054485399
<b>XNTGW</b> / Gullwing Ø 2.0x3.0 x 13.4 mm		Order number T0054485499
<b>XNTH</b> / Chisel tip, Width: 0.8x0.4 mm		Order number T0054485999
<b>XNTK</b> / Chisel tip, Width: 1.2x0.4 mm		Order number T0054486099
<b>XNTKN</b> / Knife tip, Width: 2.0 mm		Order number T0054486399
<b>XNT</b> Measuring tip		Order number K1131



**WXP120 soldering iron with WDH10 tool stand**

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

Order number  
T0052920299

**XTsoldering tips**

<b>XTA</b> / Chisel tip, Width: 1.6 mm, Thickness: 0.7 mm		Order number T0054470399
<b>XTAA</b> / 60° Angled chisel tip, Width: Ø 1.6 mm		Order number T0054470899
<b>XTAL</b> / Chisel tip, Width: 1.6 mm, Thickness: 1.0 mm		Order number T0054470199
<b>XTB</b> / Chisel tip, Width: 2.4 mm, Thickness: 0.8 mm		Order number T0054470499
<b>XTBB</b> / 45° Angled chisel tip, Width: Ø 2.4 mm		Order number T0054470999
<b>XTBS</b> / Round tip, Width: Ø 2.4 mm		Order number T0054471599
<b>XTC</b> / Chisel tip, Width: 3.2 mm, Thickness: 0.8 mm		Order number T0054470599
<b>XTCC</b> / 45° Angled chisel tip, Width: Ø 3.2 mm		Order number T0054471099
<b>XTCS</b> / Round tip, Width: Ø 3.2 mm		Order number T0054471699
<b>XTD</b> / Chisel tip, Width: 4.6 mm, Thickness: 0.8 mm		Order number T0054470699
<b>XTD45</b> / 45° Angled chisel (solar) tip, Width: 5 mm		Order number T0054472199
<b>XTDS</b> / Round tip, Width: Ø 5.0 mm		Order number T0054471799
<b>XTE</b> / Chisel tip, Width: 5.9 mm, Thickness: 1.2 mm		Order number T0054470799
<b>XTF</b> / 30° Round single flat tip, Width: Ø 1.2 mm		Order number T0054471899
<b>XTGW</b> / Gullwing tip, Width: 2.3 mm / 3.2x33.3 mm		Order number T0054471299
<b>XTH</b> / Chisel tip, Width: Ø 0.8 mm, Thickness: 0.4 mm		Order number T0054471399
<b>XTKN</b> / 60° Knife tip, Width: Ø 2.0 mm		Order number T0054471199
<b>XTM</b> / Chisel tip, Width: 3.2 mm, Thickness: 1.2 mm		Order number T0054470299
<b>XTO</b> / Round tip, Width: Ø 1.0 mm		Order number T0054471499
<b>XT adapter M4</b>		Order number T0054471999
<b>XT adapter M5</b>		Order number T0054472099
<b>XT</b> Measuring tip		Order number K1121

## WX Irons, Tool Stands, Tips (Continued)



### WXP200 soldering iron with WDH31 tool stand

- 200W | 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 | 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  $\varnothing$  0.4 x 10 mm, 45°, 80 W



Order number  
T0054465599

#### RTW2-MS

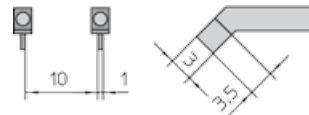
Tip set chisel tip  $\varnothing$  0.7 x 0.4 mm, 45°, 80 W



Order number  
T0054465799

#### RTW3-MS

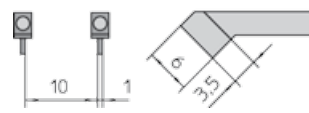
Tip set chisel tip  $\varnothing$  3.0 x 1.0 mm, 45°, 80 W



Order number  
T0054465899

#### RTW4-MS

Tip set chisel tip  $\varnothing$  6.0 x 1.0 mm, 45°, 80 W



Order number  
T0054465999

#### RTW6NW

Tip set chisel tip  $\varnothing$  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



# One Platform for All Tools



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

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

**USA**  
 ApexTool 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](http://www.weller-tools.com)

© 2011 ApexTool 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®**