

**Built from  
our customers'  
best ideas.**

The new WX 1 control unit from Weller.  
A new era in soldering.



Technical Data	
Dimensions	
L x W x H	6.69 x 5.94 x 5.12 in. 170 x 151 x 130 mm
Weight	7.00 lb. 3.2 kg
Mains voltage	120 V, 50 Hz
Power input	200 W
Temperature range	150°F - 999°F 50°C - 550°C <small>Temperature range depends on connected tool.</small>
Temperature accuracy	+/- 17° F +/- 9° C
Temperature stability	+/- 4°F +/- 2° C
Case material	Aluminum base with antistatic black coating; antistatic polyamide synthetic case
Capacitive touch-screen	6 touch keys, turn-and-click wheel with enter key and finger guide, patented glass capacitive touch screen with antistatic, chemical and temperature resistant coating.
Display	Back lit LC-Display, 255 x 128 dpi
<b>Order No.</b>	<b>WX1</b>

WX 2 control unit shown here



Intuitive use



Multiple language menu navigation



Multi-purpose USB port



WX tool connection



WX 1 control unit with WXP 120 (120 W / 24 V) soldering pencil and WDH 10 safety rest



WX 1 control unit with WXMP Micro soldering pencil (40W / 12V) and WDH 50 safety rest



WX 1 control unit with WXP 65 soldering pencil (65W / 24V) and WDH 50 safety rest

### Available Configurations:

#### WX 1010

- WX 1 control unit
- WX 120 soldering pencil, 120W / 24V, XTB tip
- WDH 10 safety rests with WDC2 dry cleaner

**Order No. WX1010**

#### WX 1011

- WX 1 control unit
- WXMP Micro soldering pencil, 40W / 12V, RT3 tip
- WDH 50 safety rest with WDC2 dry cleaner

**Order No. WX1011**

#### WX 1012

- WX 1 control unit
- WXP 65 soldering pencil, 65W / 24V, XNT 1 tip
- WDH 50 safety rest with WDC2 dry cleaner

**Order No. WX1011**

### Compatible Tools



WXP 120 set with safety rest WDH 10

#### **WXP 120 Soldering iron with safety rest WDH 10**

- 120 W, 24 V
- Soldering work ranging from small to large parts requiring high temperatures is a snap with this tool.
- XT soldering tip

**Order No. 0052920299** (0052920199 for pencil only)



WXP 200 set with safety rest WDH 31

#### **WXP 200 Soldering iron with safety rest WDH 31**

- 200 W, 24 V
- Ideal for soldering work requiring extreme heat, eg. LED backplanes
- XHT soldering tip

**Order No. 0052920699** (0052920599 for pencil only)



WXMP set with safety rest WDH 50

#### **WXMP Micro soldering iron with safety rest WDH 50**

- 40 W, 12 V
- Dynamic performance thanks to built-in active soldering tip, best suited for work under a microscope.
- RT soldering tip

**Order No. 0052920499** (0052920399 for pencil socket only)



WXMT set with safety rest WDH 60

#### **WXMT Micro tweezers with safety rest WDH 60**

- 2 x 40 W, 12 V
- Ideal for soldering and desoldering very small SMD parts.
- RTW soldering tip

**Order No. 0051317899** (0051317799 for tweezer socket only)

### Compatible Tools (cont.)



WXP 65 set with  
safety rest WDH 10

#### **WXP 65 Soldering iron with safety rest WDH 10**

- 65 W, 24 V
- Very fast heat up time. Suitable for small, extremely precise soldering
- XNT soldering tip

**Order No. 0052921299** (0052921199 for pencil only)



WXP 80 set with  
safety rest WDH 10

#### **WXP 80 Soldering iron with safety rest WDH 10**

- 80 W, 24 V
- Soldering work ranging from small to large parts requiring high temperatures is a snap with this tool.
- LT soldering tip

**Order No. 0052920999** (0052920899 for pencil only)



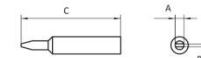
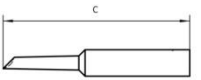
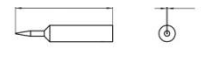
WX Adapter for PC  
Order No. 0058764711

WX Adapter for fume  
extractors and pre-heaters\*  
Order No. 0058764712



WX connection cable  
Order No. 0058764710

**XNT Series Soldering Tips**



Cat. No.	Style	A		B		C	
		In.	mm	In.	mm	In.	mm
T0054485099	XNT 1	0.010	0.25	not measured		1.06	27
T0054485199	XNT A	0.063	1.6	0.016	0.4	1.10	28
T0054485299	XNT 1S	0.008	0.2	not measured		1.12	28.5
T0054485399	XNT D	0.157	4	0.031	0.8	1.10	28
T0054485499	XNT GW	not measured		not measured		1.30	33
T0054485599	XNT 4	0.047	1.2	not measured		1.16	29.5
T0054485699	XNT 6	0.063	1.6	0.016	0.4	1.16	29.5
T0054485799	XTN B	0.094	2.4	0.031	0.8	1.06	27
T0054485899	XNT C	0.126	3.2	0.031	0.8	1.06	27
T0054485999	XNT H	0.031	0.8	0.016	0.4	1.10	28
T0054486099	XNT K	0.047	1.2	0.016	0.4	1.10	28
T0054486299	XNT 1SC	0.016	0.4	0.006	0.15	1.06	27
T0054486399	XTN KN	0.079	2	not measured		1.30	33

**These accessories can be controlled by the WX 1 for a unified bench top solution.**



Fume extraction

### Fume extraction solutions

The Weller Zero-Smog® systems put an end to pollution from soldering fumes or vapors from adhesives. The Zero-Smog systems can be connected directly using the WX port and controlled via the WX display with the accessory adapter and connection cable.

#### Order No.

**WFE2S** Portable fume extraction for volume extraction with built-in turbine. Up to 4 workstations.

**WFE4S** Mobile fume extraction for volume extraction with built-in turbine. Up to 8 workstations.

**WFE8S** Mobile fume extraction for volume extraction with built-in pre-filter for solder machines. Up to 8 workstations.

**WFE20D** Fume extraction for tip extraction applications with built-in turbine. Up to 20 workstations.

### Fume extraction solutions

The Weller heating plates are used to preheat electronic components and can be connected directly using the WX port and controlled via the WX display.

#### Order No.

**WHP1000** Heating plate, 1000 W/120 V, heating surface 220 x 150 mm

**WHP3000** Infrared heating plate, 600 W/120 V, with easy fix board holder, heating surface 120 x 190 mm



Heating plate

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