WX 1 Soldering Station

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 Temperature range depends on connected tool.
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
Order No.	**WX1**

WX 2 control unit shown here

Intuitive use

Multiple language menu navigation

Multi-purpose USB port

WX tool connection

Weller | P.O. Box 728 | 1000 Lufkin Road | Apex, NC 27502-0728 | United States
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WX 1 control unit with WXP 120 (120 W / 24 V) soldering pencil and WDH 10 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 1 control unit with WXMP Micro soldering pencil (40W / 12V) and WDH 50 safety rest

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

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

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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)

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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

		A		B		C	
Cat. No.	Style	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 form 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.

Heating plate

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

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