

**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 |
| Order No. | WX1 |

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

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 WXP 65 soldering pencil (65W / 24V) 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

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)



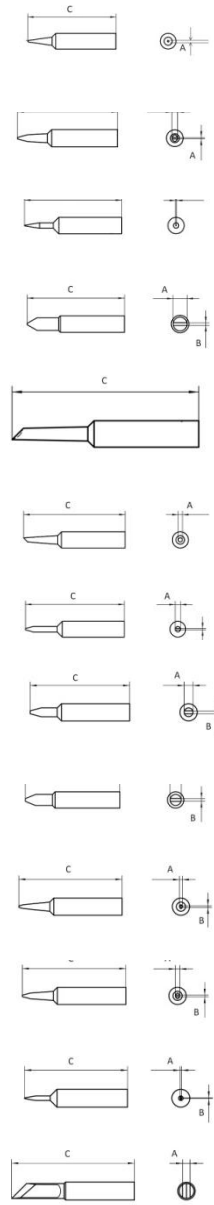
WX Adapter for PC
Order No. 0058764711

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