

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

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



WX 2 control unit shown here

| Technical Data          |                                                                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions              |                                                                                                                                                                         |
| L x W x H               | 6.69 x 5.94 x 5.12 in.<br>170 x 151 x 130 mm                                                                                                                            |
| Weight                  | 7.00 lb.<br>3.2 kg                                                                                                                                                      |
| Mains voltage           | 120 V, 50 Hz                                                                                                                                                            |
| Power input             | 200 W                                                                                                                                                                   |
| Temperature range       | 150°F - 999°F<br>50°C - 550°C<br><small>Temperature range depends on connected tool.</small>                                                                            |
| Temperature accuracy    | +/- 17° F<br>+/- 9° C                                                                                                                                                   |
| Temperature stability   | +/- 4°F<br>+/- 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.               | <b>WX1</b>                                                                                                                                                              |



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 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**

## 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)



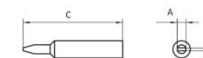
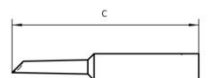
WX Adapter for PC  
Order No. 0058764711

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



WX connection cable  
Order No. 0058764710

### XNT Series Soldering Tips



|             |         | 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 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.                    |



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 |