

Weller®

# Built from our customers' best ideas.



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The new Weller® WX 2 control unit.

**WX**

# With antistatic touchscreen, intelligent sleep mode, and multi-language display.

## By the way, it can solder too.

The name Weller® has long stood for innovative solutions in soldering. Now, Weller has achieved yet another milestone with the new WX 2 control unit.

The WX 2 is an innovation that we owe in great part to input from our customers.

Many of its features grew from customer suggestions and ideas compiled by our customer service and distribution partners from around the world.

The WX 2 is designed for ease of use ... from its uniquely

responsive touchscreen to its exceptionally intuitive user interface. In fact, once you've used the WX 2 there's a good chance you'll never want to use anything else.

Behind the impressive design of the WX 2 lies a powerful and easy-to-use two-channel soldering system. A variety of connectivity options, intelligent soldering tools and a number of brand new features make the WX 2 the ideal tool for today's requirements when it comes to soldering work on LED backplanes, solar applications, and micro soldering joints.

With the WX 2, Weller has raised the bar for soldering performance once again.



Weller®

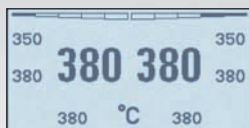


ESD safe

**WX**

# With so many benefits, it's easiest to remember just two things: new and better.

The new WX 2 combines an elegant new design with solid improvements in performance and ease of use. It offers the perfect combination of features to help your operation become more efficient and productive.



#### 240 W Power Supply

- Very high capacity • Quick heating-up time
- Ability to use of 200 W tools • Simultaneously powers two 120 W tools



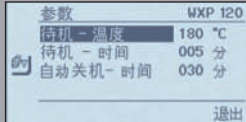
#### Robust Touchscreen

- Patented, capacitive touchscreen made of real glass • Antistatic
- Chemical resistant • Temperature resistant



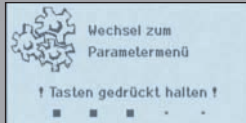
#### Intuitive Use

- Turn-and-click wheel with enter key and finger guide
- Six touch keys



### Multiple Language Selection

- Menu navigation options include English, German, French, Italian, Spanish, Portuguese, and Mandarin Chinese • Other languages also available



### Graphic LC Display

- Text and graphic elements can be viewed from all angles
- Blue LED background lighting for improved legibility



### Versatile Connectivity Options

- Standard digital connection • Decoupled robot connection • Manages fume extraction units, heating plates, programmable logic controller (PLC)
- Temperature, speed and status shown in the WX display



### WX Tool Connection

- Positive tool recognition • Digital data transfer • Malfunction-resistant
- Locking ring connection • Separate pins 12 V and 24 V



### Multi-purpose USB Port

- Fast, localized firmware updates, parameter configuration and logging capabilities via USB stick



### Intelligent Tools

- Pencil has built-in analog-to-digital converter and data memory read
- Re-calibrated pencil eliminates need to calibrate soldering station



### Optimized, Spring-loaded Tip Barrel (WXP 120 only)

- Spring system provides steady contact pressure • Antistatic soft grip
- Tips can be changed without tools



### Energy-saving Sleep Mode

- Automatic standby mode activated by a sensor in handle that detects when device is not in use • No special stop-and-go rest required • Blue ring status indicator light (WXP 120 only) • Automatic standby mode sensor also controls all connected accessories such as fume extractors and heating plates



# WX compatible soldering accessories: A total system.

The production power and flexibility of the WX 2 control unit is optimized by a wide selection of WX tools and accessories, both new and existing, that are compatible with the WX 2.

## Soldering tools

All WX tools have an integrated sensor system, customized bit calibration with no base station required, signal reader built into the handle, and internal memory. And all come with standard Weller features such as ergonomic design, extremely high precision, and short heating times.

NEW!



### WXP 200 Soldering iron, 200 W, 24 V

The most powerful pencil among the new WX tools. Ideal for soldering work requiring extreme heat, e.g. LED backplanes, solar applications. Uses XHT series tips.

Order No. 0052920599

Order No. 0052920699 (with WDH31 Stand)

NEW!



### WXP Soldering iron, 120 W, 24 V

This 120 W model is perfect for soldering either large or small parts requiring high temperatures. Uses XT series tips.

Order No. 0052920199

Order No. 0052920299 (with WDH10 Stand)

NEW!



### WXMP Micro soldering iron, 40 W, 12 V

Very fine, thin soldering pencil, best suited for work under a microscope. Built-in active soldering tip provides dynamic performance. Uses RT series tips.

Order No. 0052920399

Order No. 0052920499 (with WDH50 Stand), tip sold separately

NEW!



### WXMT Micro tweezers, 40 W, 12 V

Very fine, thin tweezers. Ideal for soldering and desoldering very small SMD parts. Uses RTW series tip cartridges.

Order No. 0051317799

Order No. 0051317899 (with WMRTH Stand),  
tweezer cartridge sold separately



### Soldering tips

Weller provides a wide selection of different soldering tips for every application imaginable to go along with the new WX tools. The conical shape of the new soldering tips for the WXP 120 soldering pencil allows for the best possible sensor position, maximizing sensitivity.



### Safety rests

Trusted Weller WDH 10, WDH 31, WDH 50 and WDH 60 safety rests are WX compatible and come with a built-in dry cleaning system.



### Fume extraction solutions

The Weller® Zero-Smog® WFE 2S, WFE 4S, WFE 8S and WFE 20D fume extraction systems put an end to pollution from soldering fumes or vapors from adhesives. The optimized interaction between turbines, filter units, and electronic control provides an air purity level of almost 100%. A wide range of matching accessories, such as hose connections and extraction arms, is also available. Weller Zero-Smog systems can be connected directly using the WX port and controlled via the WX display.



### Heating plates

Weller WHP 1000 and WHP 3000 heating plates are used to preheat electronic components. They heat up the area under the part to be soldered, reducing the heat required from above and minimizing the risk of thermal damage due to heating from one side. The Weller® heating plates can be connected directly using the WX port and controlled via the WX display.

Additional Ordering Information:	
Order No.	Description
WX2	Power Unit, Dual, Digital, 200W, 120V
WX2020	Soldering Station with 2 WXP 120 pencils and stands, 120V
WX2021	Soldering Station with WXMP pencil and WXMT tweezers, 120V
T0054480199	XHT D Chisel Soldering Tip, 5.0 mm wide X 1.2 mm thick, for WXP200 Pencil
T0054480299	XHT E Chisel Soldering Tip, 7.6 mm wide X 1.5 mm thick, for WXP 200 Pencil
T0054480499	XHT C Chisel Soldering Tip, 3.2 mm X 1.2 mm thick, for WXP 200 Pencil

