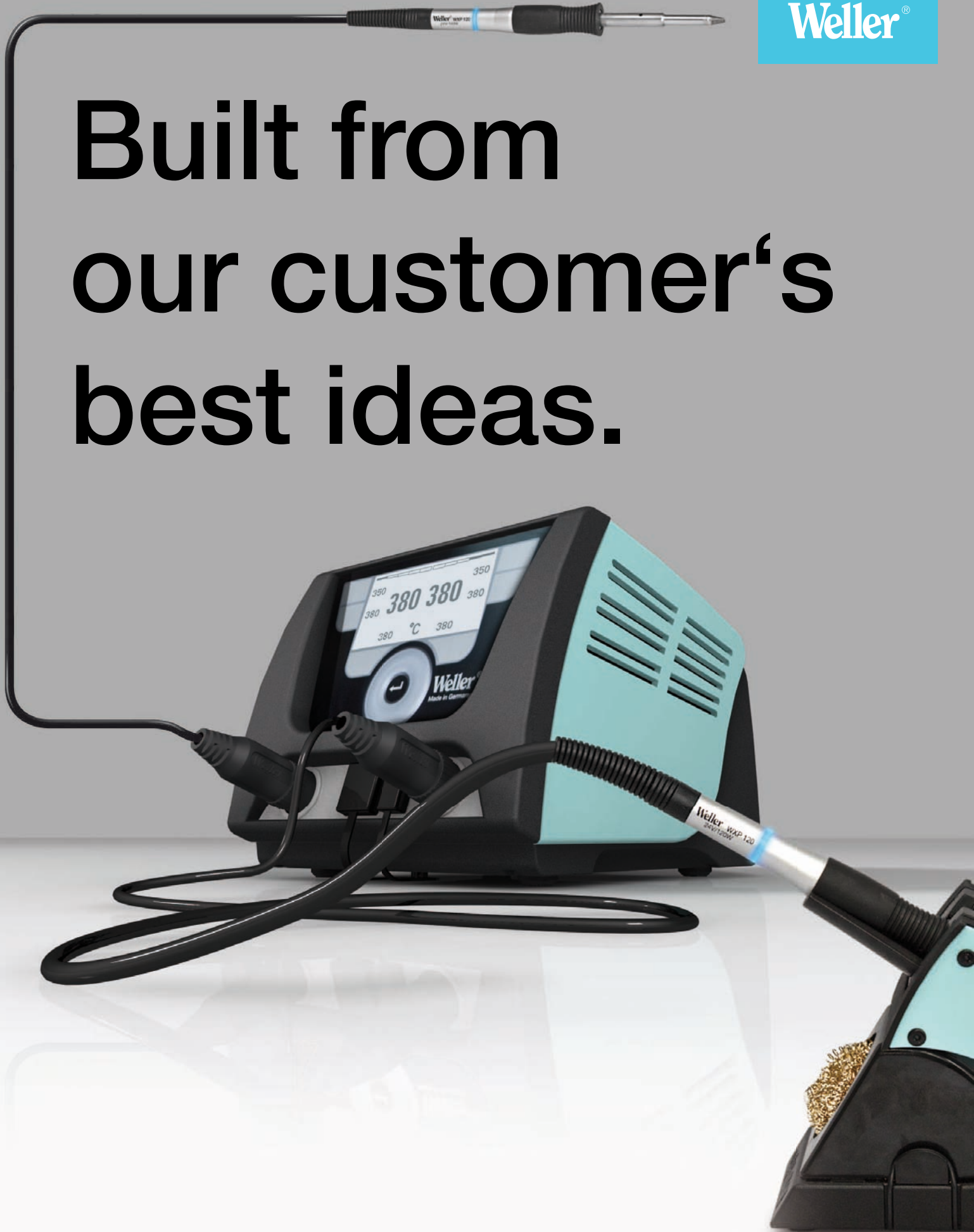


Weller®

# Built from our customer's best ideas.



The new WX 2 control unit by Weller®.  
A new era in soldering.

**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 when it comes to soldering. A company history full of notable events has achieved a new milestone with the WX 2 control unit.

The WX 2 is an innovation for which we basically have to give recognition to our customers for. The WX 2 is packed full of customers' suggestions and ideas compiled by our customer service and our distribution partners from around the world.

So here it is: A visually stunning unit which is as much a pleasure to operate as it is to look at. Once you have used the WX 2 you will never want to be without it.

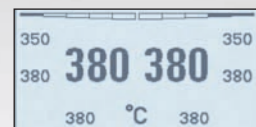
Behind the impressive design of the WX 2 lies a powerful and easy-to-use two-channel soldering device. A variety of connectivity options, intelligent soldering tools and a number of brand new features make the WX 2 the ideal tool for today's requirements when it comes to soldering work on LED backplanes,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

Join us in welcoming in a new era of soldering with the new WX 2 from Weller®.



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

The new WX 2 combines elegant design with a solid increase in performance and an intuitive user interface. Below is an overview of the new and improved features:



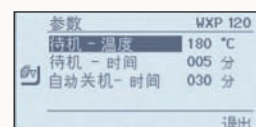
**240 W mains supply voltage:** very high capacity / quick heating-up time / use of 200 W tools / simultaneous use of two 120 W tools



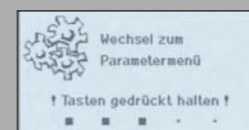
**Robust touchscreen:** patented, capacitive touchscreen made of real glass / antistatic, chemical resistant and temperature resistant



**Intuitive use:** turn-and-click wheel with enter key and finger guide / six touch keys



**Multiple language menu navigation:** German, English, French, Italian, Spanish, Portuguese, Mandarin Chinese, other languages also available



**Graphic LC display:** text and graphic elements can also be displayed / viewed from all angles / easy to read thanks to blue LED background lighting



**Versatile connectivity options:** two connections which can be used for managing fume extraction units, heating plates and programmable logic controller (PLC) / standard digital and decoupled robot connection / temperature, speed and status message are shown in the WX display



**WX tool connection:** unequivocal tool recognition / digital data transfer / resistant to malfunctions / locking ring / separate pins for 12 V and 24 V



**Multi-purpose USB port:** quick and localised firmware updates, parameter configuration and logging capabilities via USB stick



**Intelligent tools:** analogue to digital converter and data memory read in bit handle / thanks to a calibrated bit, calibration of the soldering station used is not required



**Optimised, spring-loaded tip barrel with WXP 120:** steady contact pressure thanks to a spring system / antistatic soft grip / tips can be changed without the use of tools



**Energy-saving sleep mode:** automatic standby mode thanks to a sensor in the handle which detects when the device is in use / no special stop-and-go rest required / WXP 120 with blue ring light (light is out = Off, light is blinking = Standby or Heating Up, light is on = tip ready for use) / all connected accessories such as fume extractors and heating plates also go into sleep mode



# The pinnacle of soldering accessories: WX compatible.

The powerful and intelligent soldering capability of the WX 2 control unit is optimised by a new generation of WX tools and accessories. Below, you can see which older and newer components are compatible with the WX 2:

## Soldering tools

All WX tools have an integrated sensor system, customised bit calibration with no base station required, signal reader built into the handle and internal memory. And of course the tried and trusted Weller® features: an ergonomic design, extremely high precision and short heating times.

NEW!



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

The most powerful bit among the new WX tools. Ideal for soldering work requiring extreme heat, e.g. LED backplanes, solar applications.

NEW!



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

The all-rounder with 120 W. Soldering work ranging from small to large parts requiring high temperatures is a snap with this model.

NEW!



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

Very fine, thin soldering bit, best suited for work under a microscope. Dynamic performance thanks to a built-in active soldering tip.

NEW!



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

Very fine, thin tweezers. Ideal for soldering and desoldering very small SMD parts.



## Soldering tips

Weller® provides a wide selection of different soldering tips for every application imaginable to go along with the new WX tools. The new soldering tip range for the WXP 120 soldering bits allows for the best possible sensor position due to their conical shape.



## Safety rests

The tried and trusted safety rests WDH 10, WDH 31, WDH 50 and WDH 60 by Weller® are WX compatible and come with a built-in dry cleaning system.



## Fume extraction solutions

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



## Heating plates

The WHP 1000 and WHP 3000 heating plates by Weller® are used to preheat electronic components. They heat up the area under the part to be soldered. This reduces the heat required from above and minimises 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.



## Cleaning set

When soldering with lead-free solder, heavy oxide deposits can accumulate on the soldering tip. These oxides must be removed with great precision, as they can lead to a non-wettable separation layer. The Weller® Cleaning Set includes a dry cleaner with metal wool for stripping away the impure and old solder, a stainless steel brush, and a whetstone for removing thick layers of oxide deposits as well as the Tip Activator for cleaning oxidised solder tips in a manner that is safe for the environment.



## GERMANY

**Cooper Tools GmbH**

Carl-Benz-Straße 2  
74354 Besigheim  
Tel: (07143) 580-0  
Fax: (07143) 580-108

## GREAT BRITAIN

**Cooper Tools**

A Division of Cooper (GB) Ltd.  
4<sup>th</sup> Floor Pennine House  
Washington, Tyne & Wear  
NE37 1LY  
Tel: (0191) 419 7700  
Fax: (0191) 417 9421

## FRANCE

**Cooper Tools S.A.S.**

25 Rue Maurice Chevalier BP 46  
77832 Ozoir-la-Ferrière Cedex  
Tel: (01) 60.18.55.40  
Fax: (01) 64.40.33.05

## ITALY

**Cooper Italia S.r.l.**

Viale Europa 80  
20090 Cusago (MI)  
Tel: (02) 9033101  
Fax: (02) 90394231

## SWITZERLAND

**Erem S.A.**

Rue de la Roselière 8  
1400 Yverdon-les-Bains  
Tel: (024) 426 12 06  
Fax: (024) 425 09 77

## USA

**Cooper Hand Tools  
World Headquarters**

1000 Lufkin Road  
Apex, NC 27539  
Tel: (919) 387 0099  
Fax: (919) 387 2614

## CANADA

**Cooper Hand Tools – Canada**

164 Innisfil Street  
Barrie, Ontario  
Canada L4N 3E7  
Tel: (705) 728 5564  
Fax: (800) 403 8665

## CHINA

**Cooper Hand Tools**

18<sup>th</sup> Floor, Yu An Building  
738 Dongfang Road  
Pudong, Shanghai  
200122 China  
Tel: (21) 5111 8300  
Fax: (21) 5111 8446

## AUSTRALIA

**Cooper Tools Pty. Limited**

P.O. Box 366  
519 Nurigong Street  
Albury, N.S.W. 2640  
Australia  
Tel: (2) 6058-0300  
Fax: (2) 6021-7403