Built from our customers best ideas.



WX

The new WX soldering stations from Weller.
A new era in soldering.

Weller®

Two stations to launch in a new soldering era.



The WX 1 single-channel soldering station



The WX 2 two-channel soldering station

The name Weller has long stood for innovative solutions when it comes to soldering. A company history full of notable events has achieved two new milestones with the WX 1 and WX 2 soldering stations.

Product highlights, we basically owe thanks to our customers. This is because the WX 1 and WX 2 are packed full of customers' suggestions and ideas compiled by our customer service and our distribution partners from around the world.

So here they are: Visually stunning units which are as much a pleasure to operate as it is to look at. Once you have used the WX 1 and the WX 2 you will never want to be without them.

Behind the impressive designs lies a powerful and easy-to-use soldering device that comes with an antistatic touchscreen, a variety of connectivity options, intelligent soldering tools, and a number of brand new features. Perfect for today's needs 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 WX soldering stations from Weller.

WX

Weller®

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

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



200 | 255 W total power

Supports operation of one 200 W tool or simultaneous operation of two 120 W tools (WX 2 only) | Very fast heat up time



Easy-to-use display panel

Viewable from all angles | Easy to read thanks to blue LED backlighting



Intuitive use

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



Minimal training time

Multilingual menu navigation | German, English, French, Italian, Spanish, Portuguese and Mandarin Chinese | More languages available on request



Robust touchscreen

Patented, capacitive touchscreen made of real glass | Antistatic, chemical resistant and temperature resistant



Automatic tool recognition

WX tool connection for interference-free, digital data transfer | Soldering bits can be changed quickly thanks to an interlocking ring that can be operated with one hand (Note: To achieve perfect soldering results, we recommend replacing the entire bit instead of just the soldering tip)



Multi-purpose USB port

Quick and localized firmware updates, parameter configuration and logging capabilities via USB-stick | User-friendly PC interface





Benchtop controller capability

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



Increased work accuracy

Digital sensor in bit | Even contact pressure thanks to an optimized, spring-loaded tip barrel (WXP 120)



Automatic energy-saving mode

Automatic stand-by mode, no stop-and-go rest required | Visual process control via a blue LED ring light (light is out = Off, light is blinking = Standby or Heating Up, light is on = tip ready for use)



Storage medium in bit

Save key data on the bit | No adjustments needed to the soldering station

WX

Weller®

WX control units

	WX 2020	Supply unit WX 2 with 2 x WXP 120 soldering irons (120 W | 24 V) and 2 safety rests WDH 10	Order number T0053421699
	WX 2021	Supply unit WX 2 with WXMP micro soldering iron (40 W | 12 V) and safety rests WDH 50 as well as WXMT micro-desoldering tweezers (2 x 40 W | 12 V) and safety rest WDH 60	Order number T0053422699
	WX 1010	Supply unit WX 1 with WXP 120 soldering iron (120 W | 24 V) and safety rest WDH 10	Order number T0053418699
	WX 1011	Supply unit WX 1 with WXMP soldering iron (40 W | 24 V) and safety rest WDH 50	Order number T0053519699

WX compatible tools

	WXP 65 soldering iron safety rest WDH 10 (Set)	• 65 W | 24 V • Very fast heat up times, suitable for small, extreme precision soldering • XNT soldering tip	Order number T0052921299
	WXP 120 soldering iron with safety rest WDH 10 (Set)	• 120 W | 24 V • For soldering small and large components with high heat demands • XT soldering tip	Order number T0052920299
	WXP 200 soldering iron with safety rest WDH 31 (Set)	• 200 W | 24 V • Ideal for soldering that requires high heat e.g. for LED back planes • XHT soldering tip	Order number T0052920699
	WXMP micro soldering iron with safety rest WDH 50 (Set)	• 40 W | 12 V • Extremely powerful due to an integrated active soldering tip ideal for working under a microscope • RT soldering tip	Order number T0052920499
	WXMT Micro tweezers with safety rest WDH 60 (Set)	• 2 x 40 W | 12 V • Ideal for soldering and desoldering very small SMD parts • RTW soldering tip	Order number T0051317899

WX compatible fume extraction units

	WFE 2S with pressure regulator	Portable suction device for large areas, comes with a built-in turbine and pressure regulator for constant volume flow	Order number T0053626671
	WFE 2S	Portable suction device for large areas, comes with a built-in turbine	Order number T0053626699
	WFE 4S	Mobile suction device for large areas, comes with a built-in turbine	Order number T0053649699
	WFE 20D	Fume extraction for siphoning at the soldering tip, comes with a built-in turbine	Order number T0053647699

WX compatible heating plates

	WHP 1000	Heating plate 1000 W | 230 V, heated surface area: 220 x 150 mm	Order number T0053364899
	WHP 3000	Infrared-heating plate 600 W | 230 V, with Easy-Fix circuit board holder, heated surface area: 120 x 190 mm	Order number T0053368699
	WHP 3000	Infrared heating plate 1200 W | 230 V, with Easy-Fix circuit board holder, heated surface area: 190 x 245 mm	Order number T0053364699

WX adapter

	WX adapter for PC	Order number T0058764711
	WX adapter for WFE | WHP	Order number T0058764712
	WX connection cable	Order number T0058764710

Technical data

	WX 1	WX 2
Figure		
Dimensions L x B x H	170 x 151 x 130 mm (6.69 x 5.94 x 5.12 in.)	
Weight	around 3,2 kg	
Power supply	230 V | 50 Hz	
Power consumption	200 W	200 W (255 W)
Safety class	I, antistatic casing	
Fuse	for over-current release T2A	
Temperature range	Adjustable temperature range 50°C–550°C (150°F–999°F); Adjustable temperature range varies among tools	
Temperature accuracy	± 9 °C (± 17 °F)	
Temperature stability	± 2 °C (± 4 °F)	
Earth connection	via 3.5 mm switch box on back of device	
Casing material	Aluminum bottom with antistatic black (AMS 70002) coating; Antistatic polyamide synthetic casing	
Glass control panel	Made of antistatic coated material	
Dimensions of control panel	74 x 38 mm	
Resolution	255 x 127 (128) dots	
Background lighting	4 LEDs	
Earth connection	The 3.5 mm switch box offers four different options: a) Hard grounded: without plug (original delivery) b) Earth connection: with plug, compensating line on center contact c) Voltage free: with plug d) Soft grounded: with plug and soldered resistor; grounding through the selected resistor	
USB port	USB port in front for firmware updates, parameterization and monitoring; USB port supports all standard USB flash drive types	
Order number	T0053417699	T0053420699

T005 57 211 01



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

GREAT BRITAIN
ApexTool UK Limited
4th Floor Pennine House,
Washington, Tyne & Wear, NE37 1LY
Tel: (0191) 419 7700, Fax: (0191) 417 9421

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

ITALY
ApexTool S.r.l.
Viale Europa 80, 20090 Cusago (MI)
Tel: (02) 9033101, Fax: (02) 90394231

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

USA
ApexTool Group, LLC
World Headquarters,
1000 Lufkin Road Apex, NC 27539
Tel: (919) 387 0099, Fax: (919) 387 2614

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

CHINA
ApexTools
18th Floor, Yu An Building, 738 Dongfang Road,
Pudong, Shanghai, 200122 China
Tel: (21) 5111 8300, Fax: (21) 5111 8446

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

www.weller.eu

© 2011, ApexTool Group, LLC.

Weller®