

Maximize desoldering productivity.

Intelligent solutions to complex rework applications.



**HIGH-POWER:
120 WATTS**

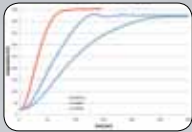
WX

The WXD2 Soldering and Desoldering Station
with the WXDP120 High-Power Desoldering Iron.

Weller®

Unmatched power.

The WXD2 Soldering and Desoldering Station with the WXDP120 High-Power Desoldering Iron.



Ultra-short heat time

The desoldering iron heats in 35 seconds. If in standby mode, time may be quickened to 20 seconds. A blue LED light ring on the tool handle gives visual indication of the temperature condition.



Minimized tip cleaning

The extended shaft in the new XD series tiptlets deposits molten solder directly into the solder collection tube and when the time comes to replace the tiptlet the suction path is replaced. Therefore the time consuming task of cleaning the tool is no longer required, production time is increased and costs reduced.



User-friendly handling

An ergonomic, soft grip handle with an integrated finger switch for applying a vacuum allows both left- and right-handed operators work comfortably and efficiently. A short distance between the solder collection tube and the handle prevents the tool from twisting.



3x extended life

A fast-response, high-power element means that lower operating temperatures can be used. Coupled with a standby mode, tiptlet life is considerably increased.



Save Energy

Huge energy savings

WX tools have an internal motion sensor which signal the control unit whether the tool is in use or safety rest, resulting in power consumption only when it's needed.



Quick replacement

Thanks to ingenious mountings, the suction nozzle and solder collection tube can be changed quickly and easily – without the risk of burning or tricky replacement work.



50% more power

New 120-watt, high-power silver heating element uses fast-response technology.





Internal data storage

Key settings are stored directly in the hand tools. This enables WX series tools to be interchanged with WX series control units without the need to enter control data into the power unit—saving time-consuming set up.



Intuitive operation

A straightforward and multi-lingual menu navigation system keeps familiarization times to a minimum. The turn-and-click wheel allows intuitive operation.



Multiconnectivity

The maximum power output of 255W from the WXD2 control unit permits the use of all WX series tools. 200 W from a single output or 2 x 120W if dual outputs are used. The WX connection cable can connect the control unit to external devices such as hot plates and fume extraction units.



External compressed air supply

High-pressure compressed air passing through a venturi will produce a constant high vacuum.

TECHNICAL DATA OF WXD2 CONTROL UNIT



WXD2 Control Unit

- Two channels: soldering and desoldering
- Multilingual menu navigation and intuitive use
- Connectable tool power up to 255W

Order number
WXD2

Dimensions LxWxH	170 x 151 x 130 mm (6.69 x 5.94 x 5.12 inch)
Power supply	120V 60 Hz
Power consumption	200W (255W)
Temperature range	Adjustable temperature range varies among tools (200-855 °F)
Temperature accuracy	± 9 °C (± 17 °F)
Temperature stability	± 6 °C (± 10 °F)
Control panel	Glass with antistatic coating
Resolution	255 x 127 (128) dots
Background lighting	Four LEDs
Earth ground connection	Four options made via a 3.5 mm jack plug into a switch box on the rear of the control unit: 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	Front-mounted USB port for firmware updates, parameter setting and monitoring
(2) Communication ports	Control of Weller fume extraction units and heating plates

WX COMPATIBLE TOOLS












WXDP120 Desoldering Iron (T0051320199) 120W, 24V with safety rest WDH70 (T0051517299)

- Rapid heat-up time (35 seconds only)
- Push-and-pull technology for easy change of the solder cartridge
- XDS1 soldering nozzle included
- Cleaning tool for WXDP120 (T0058765773)

Order number (Set)
T0051320299

XDS Nozzles

		Order number			Order number
XDS1 / inside Ø 1.4 mm; outside Ø 2.5 mm		T0051325099	XDS6 / inside Ø 0.7 mm; outside Ø 1.9 mm		T0051325599
XDS2 / inside Ø 3.0 mm; outside Ø 5.3 mm		T0051325199	XDS7 / inside Ø 1.2 mm; outside Ø 2.7 mm		T0051325699
XDS3 / inside Ø 1.0 mm; outside Ø 2.3 mm		T0051325299	XDS8 / inside Ø 1.5 mm; outside Ø 2.9 mm		T0051325799
XDS4 / inside Ø 1.2 mm; outside Ø 2.5 mm		T0051325399	XDS9 / Measuring tip		T0051325899
XDS5 / inside Ø 1.8 mm; outside Ø 3.3 mm		T0051325499			



















WXP65 Soldering Iron (T0052921199) with safety rest WDH10 (T0051516199)

- 65 W | 24 V / max. temperature 450 °C (855 °F)
- Very fast heat up time suitable for small, extreme precision soldering
- XNTA soldering tip included

Order number (Set)
T0052921299

XNT Soldering Tip

	Order number		Order number
XNT1 / Micro tip, Width: Ø 0.25 mm	 T0054485099	XNTS / Fine chisel tip, Width: 0.4 mm	 T0054486899
XNT1S / Micro tip, Width: Ø 0.20 mm	 T0054485299	XNTAS / Chisel tip, Width: 1.6 mm	T0054486999
XNT1SC / Fine chisel tip, Width: 0.40 x 0.15 mm	 T0054486299	XNTCS / Chisel tip, Width: 3.2 mm	T0054487099
XNT4 / Angled rounc tip, Width: Ø 1.20 mm	 T0054485599	XNT1L / Micro tip, Width: 0.2 mm	T0054487199
XNT6 / Chisel tip, Width: 1.60 x 0.4 mm	 T0054485699	XNT1LX / Bent tip, Width: 0.2 mm	T0054487299
XNTA / Chisel tip, Width: 1.60 x 0.4 mm	 T0054485199	XNTHX / Bent tip, Width: 0.8 mm	T0054487399
XNTB / Chisel tip, Width: 2.40 x 0.8 mm	 T0054485799	XNT4X / Bent tip, Width: 1.2 mm	T0054487499
XNTC / Chisel tip, Width: 3.20 x 0.8 mm	 T0054485899	XNT1SLX / Bent tip, Width: 0.4 mm	T0054487599
XNTD / Chisel tip, Width: 4.0 x 0.8 mm	 T0054485399	XNTSMT01 / Soldering tip, Width: BL 10.4X0.6X7.1 mm	T0054487699
XNTGW / Gullwing: Ø 2.0 x 3.0 13.4 mm	 T0054485499	XNTSMT02 / Soldering tip, Width: BL 16.8X0.6X7.1 mm	T0054487799
XNTH / Chisel tip, Width: 0.8 x 0.4 mm	 T0054485999	XNTSMT03 / Soldering tip, Width: BL 20.8X0.6X7.1 mm	T0054487899
XNTK / Chisel tip, Width: 1.2 x 0.4 mm	 T0054486099	XNTAX / Bent tip, Width: 1.6 mm	T0054485099
XNTKN / Knife tip, Width: 2.0	 T0054486399	XNT1X / Bent tip, Width: 0.2 mm	T0054485199
XNTL / Chisel tip, Width: 2.0 mm	T0054486699	XNT / M4 Adapter	T0054487999
XNTM / Chisel tip, Width: 3.2 mm	T0054486799	XNT / Measuring tip	K1131

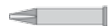






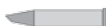
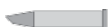
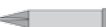




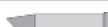
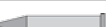
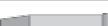
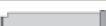





WXP120 Soldering Iron (T0052920199) with safety rest WDH10 (T0051516199)

- 120 W | 24 V / max. temperature 450 °C (855 °F)
- For soldering small and large components with high-heat demands
- XTB soldering tip included

Order number (Set)
T0052920299

XT Soldering Tip

	Order number		Order number
XTA / Chisel tip, Width: 1.6 mm, Thickness: 0.7 mm	 T0054470399	XTDS / Round tip, Width: Ø 5.0 mm	 T0054471799
XTAA / 60° Angled chisel tip, Width: Ø 1.6 mm	 T0054470899	XTE / Chisel tip, Width: 5.9 mm, Thickness: 1.2 mm	 T0054470799
XTAL / Chisel tip, Width: 1.6 mm, Thickness: 1.0 mm	 T0054470199	XTF / 30° Round tip bent, Width: Ø 1.2 mm	 T0054471899
XTB / Chisel tip, Width: 2.4 mm, Thickness: 0.8 mm	 T0054470499	XTGW / Gullwing tip, Width: 2.3 mm / 3.2 mm	 T0054471299
XTBB / 45° Angled chisel tip, Width: Ø 2.4 mm	 T0054470999	XTH / Chisel tip, Width: Ø 0.8 mm, Thickness: 0.4 mm	 T0054471399
XTBS / Round tip, Width: Ø 2.4 mm	 T0054471599	XTKN / 60° Knife tip, Width: Ø 2.0 mm	 T0054471199
XTC / Chisel tip, Width: 3.2 mm, Thickness: 0.8 mm	 T0054470599	XTM / Chisel tip, Width: 3.2 mm, Thickness: 1.2 mm	 T0054470299
XTCC / 45° Angled chisel tip, Width: Ø 3.2 mm	 T0054471099	XTO / Round tip, Width: Ø 1.0 mm	 T0054471499
XTCS / Round tip, Width: Ø 3.2 mm	 T0054471699	XT/ Adapter M4	 T0054471999
XTD / Chisel tip, Width: 4.6 mm, Thickness: 0.8 mm	 T0054470699	XT/ Adapter M5	 T0054472099
XTD45 / 45° Angled chisel tip, Width: 5 mm	 T0054472199	XT/ Measuring tip	K1141


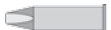



WXP200 Soldering Iron (T0052920599) with safety rest WDH31 (T0051515899)

- 200W | 24V / max. temperature 450 °C (855 °F)
- Ideal for soldering that requires high heat e.g. for LED back planes
- XHTD chisel tip included

Order number (Set)
T0052920699

XHT Soldering Tip

	Order number
XHTC / Chisel tip, Width 3.2 mm, Thickness: 1.2 mm 	T0054480499
XHTD / Chisel tip, Width: 5.0 mm, Thickness: 1.2 mm 	T0054480199

XHTE / Chisel tip, Width: 7.6 mm, Thickness: 1.5 mm 	Order number T0054480299
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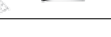





WXMPMS Micro-Soldering Iron (T0052921399) with safety rest WDH51 (T0051517199)

- 40W | 12V / max. temperature 450 °C (855 °F)
- Extremely powerful due to an integrated active soldering tip, ideal for working under a microscope
- RT3MS chisel tip included

Order number (Set)
T0051320399

RT Soldering Tip

	Order number		Order number
RT1MS / Needle tip Ø 2.0 mm 	T0054461499	RT7MS / Knife tip 45° sloped 2.2 mm 	T0054462199
RT1NWMS / Needle tip Ø 1.0 mm, chrome, not wettable for component 0201/0204 	T0054462571	RT8MS / Chisel tip 2.2 x 0.4 mm 	T0054462299
RT1SC / Chisel tip 0.4 x 0.15 mm 	T0054461299	RT9MS / Chisel tip 0.8 x 0.4 mm 	T0054462399
RT1SCNWMS / Chisel tip 3.0 x 1.0 mm, chrome, not wettable for component 0201/0204 	T0054462671	RT10MS / Gull wing 1.2 x 2.0 mm 	T0054462499
RT2MS / Needle tip Ø 0.8 mm 	T0054461799	RT11MS / Chisel tip 3.6 x 0.9 mm 	T0054463199
RT3MS / Chisel tip 1.3 x 0.4 mm 	T0054461699	RT12MS / Bent tip 25° sloped, 0.5 X 4 mm 	T0054463299
RT4MS / Chisel tip 1.5 x 0.4 mm 	T0054461899	RT13MS / Bent tip 30° sloped, 0.2 X 4 mm 	T0054463399
RT5MS / Chisel tip bent 30° 0.8 x 0.4 mm 	T0054461999	RT14MS / Needle tip 0.4 mm 	T0054460173
RT6MS / Angled round tip 45° sloped 1.2 mm 	T0054462099	RT15MS / Needle tip .75 mm 	T0054460273
RT6NWMS / Chisel tip .02 x 1.0 mm	T0054465671	RT / Measuring tip	K1101








WXMTMS Micro-Tweezers (T0051317999) with safety rest WDH60 (T0051516999)

- 2 x 40W | 12V / max. temperature 450 °C (855 °F)
- Ideal for soldering and desoldering very small SMD parts
- RTW2MS soldering tip included

Order number (Set)
T0051320349

RTW Soldering Tip

	Order number		Order number
RTW1MS Tip set chisel Ø 0.4 mm, 45°, 80W, 10 mm 	T0054465599	RTW4MS Tip set chisel 6 x 1.0 mm, 45°, 80W 	T0054465999
RTW2MS Tip set chisel 0.7 x 0.4 mm, 45°, 80W 	T0054465799	RTW6NWMS Tip set chisel Ø 0.2 mm, 45° chrome unwettable, for soldering and desoldering of micro devices components 0201 / 0402 	T0054465671
RTW3MS Tip set chisel 3 x 1.0 mm, 45°, 80W 	T0054465899		

WXD KITS



WDX2010

Consists of power unit WXD2 with WXD120 high-power desoldering iron and safety rest

Order number

WDX2010



WDX2020

Consists of power unit WXD2, WXD120 high-power desoldering iron with safety rest and WXP120 soldering iron with safety rest

WDX2020

WX COMPATIBLE FUME EXTRACTION UNITS



WFE2S

Portable fume extraction unit, up to four stations

Order number

WFE2S

WFE4S

Portable fume extraction unit, up to eight stations

WFE4S

WFE20D

Fume extraction for tip suction at the soldering tip, with a built-in turbine, portable, for use with up to 20 FE soldering irons, wheels

WFE20D

WX COMPATIBLE HEATING PLATES



WHP1000

Heating plate 1000W | 120V, heated surface area: 8.6 X 5.9 in

Order number

WHP1000

WHP3000

Infrared-heating plate 600W | 120V, with Easy-Fix circuit board holder, heated surface area: 4.7 x 7.9 in

WHP3000

WHP3000

Infrared heating plate 1200W | 230V, with Easy-Fix circuit board holder, heated surface area: 7.5 x 9.6 in

T0053364699

WX ACCESSORIES



Order number

WX to PC adapter

T0058764711

WX to WFE/WHP adapter

T0058764712

WX to adapter cable connectivity

T0058764710

WDC2 dry tip replacement cleaner for WDH tool stands

T0051512599

WXDP120 filter D17 for glass tube, OD: 17mm

T0058765776

DSX120 filter for glass tube, OD: 16.2mm

T0051360499



Cleaning Set WXDP/DSX120

Order number

T0058765772



Tip Cleaner WXDP/DSX120

T0058765773



Replacement brass wool ball for WDC2 (2 per Pack)

T0051384099



Tip polishing bar for Soldering tip, cleaning

WPB1



Replacement sponge for WMPH tool stands

T0052241999



Tip tinner and activator, 0.5 oz.

T0051303199



Test Equipment Depot - 800.517.8431 - 99 Washington Street Melrose, MA 02176
TestEquipmentDepot.com

ATG-956 /ITEM No. T550858/7.5m CG/Specifications subject to change without notice.



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