



# WX 2 Soldering station

## A NEW ERA IN SOLDERING.

Cost saving because only one power unit is needed for different applications.  
 Use as benchtop controller saves energy.  
 Lowering the running costs by enlarged tip lifetimes.  
 Reduction of rework due to optimized tool use and correct working temperature.



### TECHNICAL DATA

Channels	2
Dimensions L x W x H (Inches)	6,85 x 6,06 x 5,31
Dimensions L x W x H (mm)	174 x 154 x 135
Weight (approx.) in kg	3.45
Voltage	230 V, 50 Hz
Power	200 W (255 W)
Protection class	I
Fuse	T2A
Temperature range (depends on tool) °C	100 - 550
Temperature range (depends on tool) °F	210 - 999
Temperature accuracy °C	±9
Temperature accuracy °F	±17
Temperature stability °C	±2
Temperature stability °F	±4
Equipotential bonding	✓
Interface	1x USB, 2x RS232, 1x Switching output
ESD-safe	✓
Automatic tool identification	✓
Traceability (unit data)	✓
Display	255 x 128 dots / Backlighting
USB port	✓
Equipotential bonding socket	Via 3,5 mm pawl socket on back of device
Benchtop controller	✓



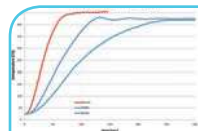
### Visual process control through LED signal function

Blue LED ring light (light is out = Off, light is blinking = standby or heating up, light is on = tip ready for use)



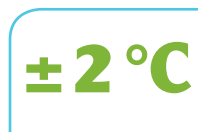
### Tailor-made performance

Weller heating technologies deliver precise performance on demand.



### Quick heating time

WX soldering irons heat in ultra-quick time and can be used immediately.



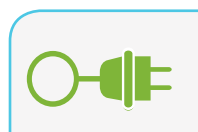
### Temperature stability/accuracy

All WX soldering tools have a temperature stability of ± 2° C and a temperature accuracy of ± 9° C, as per IPC standard.



### Intuitive operation

The robust touch screen is a capacitive touch panel made of real glass. It is anti-static and temperature-resistant. The turn-and-click wheel with confirm button allows intuitive operation.



### Huge energy savings Motion sensor

Thanks to an integrated sensor, WX tools are motion activated. This means that they consume power only when they are actually in use. Connected accessories also go into standby mode.



# WX 2



## 2-Channel Power Unit, 200 W (255 W)

**200 W (255 W)****WX**  
compatible**TRACEability**  
qualified

Order No. T005 34 206 99N

- Innovative operation concept
- Robust touch screen with ESD safe glass
- Intuitive use with turn-click-wheel with enter key and finger guide.
- Blue LED backlighting
- Multilingual menu navigation
- High functionality
- No safety rest with Stop & Go function needed thanks to integrated acceleration sensor
- Optimized precision, better stability by sensor in the soldering iron
- Specific parameterization of tool by storage medium in hand piece
- Visual process control via blue LED ring light



# WX 2020



## 2-Channel Soldering Station Set, 200 W (255 W)

**200 W (255 W)****WX**  
compatible**TRACEability**  
qualified

Order No. T005 34 216 99N

- Power unit WX 2, with 2 channels, 2 soldering irons WXP 120 and 2 safety rests WDH 10
- Simultaneous operation of 2 soldering tools



Scope of supply	Order No.	Model	Description
	T005 15 121 99N	WDH 10	Safety rest with dry cleaner
	T005 29 201 99N	WXP 120	Soldering iron 120 W, 24 V with Power-Response Heating Technology
	T005 34 206 99N	WX 2	2-Channel Power Unit, 200 W (255 W)
	T005 44 704 99	XT B	Soldering tip chisel Ø 2,4 mm



# WX 2021



## 2-Channel Soldering Station Set, 200 W (255 W)

200 W (255 W)   

Order No. T005 34 226 99N

- Power unit WX 2, with 2 channels, soldering irons WXMP and 1 tweezers WXMT
- Simultaneous operation of 2 soldering tools



Scope of supply	Order No.	Model	Description
	T005 13 177 99N	WXMT	Micro desoldering tweezers 2 x 40 W, 12 V (hand piece without tips) for Active-Tip Heating Technology
	T005 15 169 99N	WDH 60	Safety rest with dry cleaner for WXMT Micro desoldering tweezers
	T005 15 171 99N	WDH 51	Safety rest with dry cleaner for WXMP
	T005 29 203 99N	WXMP	Micro soldering iron WXMP 40 W, 12 V (hand piece without tips) for Active-Tip Heating Technology
	T005 34 206 99N	WX 2	2-Channel Power Unit, 200 W (255 W)
	T005 44 603 99N	RTM 013 S	Standard soldering tip, chisel 1,3 x 0,4 mm
	T005 44 652 99N	RTW 2 45°	Soldering tip set 0,7 x 0,4 mm, 45°



# WX 1 Soldering Station

## A CLASS OF ITS OWN.

The powerful, user-friendly WX 1 soldering station has redefined the world of soldering. Maximum process reliability for manual soldering tasks is guaranteed for the automotive, aerospace and medical technology industries. Any soldering process can be programmed easily using these intelligent tools, and a unique level of dependability assured. Whatever technique is used, these devices are intuitive and easy to operate thanks to their touch screens and language options.



### TECHNICAL DATA

Channels	1
Dimensions L x W x H (Inches)	6,85 x 6,06 x 5,31
Dimensions L x W x H (mm)	174 x 154 x 135
Weight (approx.) in kg	3,42
Voltage	230 V, 50 Hz
Power	200 W
Protection class	I
Fuse	T2A
Temperature range (depends on tool) °C	100 - 550
Temperature range (depends on tool) °F	200 - 999
Temperature accuracy °C	±9
Temperature accuracy °F	±17
Temperature stability °C	±2
Temperature stability °F	±4
Equipotential bonding	✓
Interface	1x USB, 2x RS232, 1x Switching output
ESD-safe	✓
Automatic tool identification	✓
Traceability (unit data)	✓
Display	255 x 128 dots / Backlighting
USB port	✓
Equipotential bonding socket	Via 3,5 mm pawl socket on back of device
Benchtop controller	✓



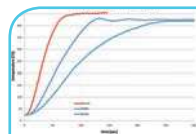
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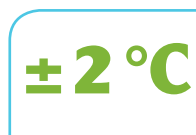
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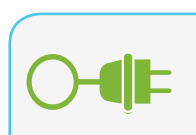
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### Intuitive operation

The robust touch screen is a capacitive touch panel made of real glass. It is anti-static and temperature-resistant. The turn-and-click wheel with confirm button allows intuitive operation.



### Huge energy savings Motion sensor

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# WX 1



## 1-Channel Power Unit, 200 W



Order No. T005 34 176 99N

- Innovative operation concept
- Robust touch screen with ESD safe glass
- Intuitive use with turn-click-wheel with enter key and finger guide
- Blue LED backlighting
- Multilingual menu navigation
- High functionality
- No safety rest with Stop & Go function needed thanks to integrated acceleration sensor
- Optimized precision, better stability by sensor in the soldering iron
- Specific parameterization of tool by storage medium in hand piece
- Visual process control via blue LED ring light



# WX 1010



## 1-Channel Soldering Station Set, 200 W



Order No. T005 34 186 99N

- Power unit WX 1 with 1 channel, soldering iron WXP 120



Scope of supply	Order No.	Model	Description
	T005 15 121 99N	WDH 10	Safety rest with dry cleaner
	T005 29 201 99N	WXP 120	Soldering iron 120 W, 24 V with Power-Response Heating Technology
	T005 34 176 99N	WX 1	1-Channel Power Unit, 200 W
	T005 44 704 99	XT B	Soldering tip chisel Ø 2,4 mm



# WX 1011



## 1-Channel Soldering Station Set, 200 W

200 W

WX  
compatible

TRACEability  
qualified



Order No. T005 34 196 99N

- Power unit WX 1 with 1 channel, micro soldering iron WXMP



Scope of supply	Order No.	Model	Description
	T005 15 171 99N	WDH 51	Safety rest with dry cleaner for WXMP Micro soldering iron
	T005 29 203 99N	WXMP	Micro soldering iron WXMP 40 W, 12 V (hand piece without tips) for Active-Tip Heating Technology
	T005 34 176 99N	WX 1	1-Channel Power Unit, 200 W
	T005 44 603 99N	RTM 013 S	Standard soldering tip, chisel 1,3 x 0,4 mm

# WX 1012



## 1-Channel Soldering Station Set, 200 W

200 W

WX  
compatible

TRACEability  
qualified



Order No. T005 34 276 99N

- Power unit WX 1 with 1 channel, soldering iron WXP 65



Scope of supply	Order No.	Model	Description
	T005 15 121 99N	WDH 10	Safety rest with dry cleaner
	T005 29 211 99N	WXP 65	Soldering iron 65 W, 24 V with Power-Response Heating Technology
	T005 34 176 99N	WX 1	1-Channel Power Unit, 200 W
	T005 44 851 99	XNT A	Soldering tip chisel 1,6 x 0,4 mm