

WT and WR series our Technology Line

THE CAN-DO SOLDERING STATIONS

Whenever it takes user-friendliness and ease of use, the soldering products of the Weller Technology line set new standards. Due to their great price/performance ratio, they are perfect tools for cost-efficient soldering applications.





Soldering iron Soldering iron

Soldering tips Soldering Tips

Preheating plate

Soldering bath

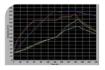
PCB board holder

Solder Feeder

Heat gun

Temperature

Accessorie



Cost-efficent

The short warm-up time for the soldering tools and a faster and simpler method for changing tools also enable lightning-fast work and ensure high time savings as a result.



Easy-to-use

The user-friendly and easy handling allows a quick, uncomplicated handling of the equipment.



Backwards Compatibility

All soldering irons of the WSD and WD soldering stations can be connected. (except micro soldering irons)







WT tool selection







WT 1 90 W 1 channel soldering station



WT 1H

150 W
1 channel soldering station



WT 2M 150 W 2 channel soldering station



WR 3M 360 W 3 channel soldering station

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WR 3M Rework Station

REWORK STATION WITH 3 CHANNELS

The versatile repair station is specifically tailored to the needs and requirements of professional repairs to latestengineering and in the repair and laboratory fields.



TECHNICAL DATA

Channels	3
Dimensions L x W x H (Inches)	11,02 x 9,45 x 4,06
Dimensions L x W x H (mm)	280 x 240 x 103
Weight (approx.) in kg	7.3
Voltage	230 V
Power	360 W (400 W)
Protection class	1
Overcurrent release	2 A
Temperature range (depends on tool) °C	93 - 454
Temperature range (depends on tool) °F	200 - 850
Temperature accuracy °C	±9°C
Temperature accuracy °F	±17°F
Temperature stability °C	±2°C
Temperature stability °F	±4°F
Equipotential bonding	\checkmark
Max. vacuum	0.7 bar; 20.7 inHg
Interface	USB
ESD-safe	✓
Automatic tool identification	✓
Temperature accuracy for hot air °C	50 - 550
Temperature accuracy for hot air °F	150 - 999
Capacity I/min	18
Max. hot air flow rate I/min (depends on tool)	15 l/min
Built-in pump	Periodic duty 30/30 s
Vacuum	0,7 bar, max
IPC-compliant	(Tip to ground) Corresponds to IPC-J-001
Display	LCD

WR 3M



3-Channel Power Unit, 360 W (400 W)

360 W (400 W) WT





Order No. T005 33 666 99N

- 3 independent tool channels
- Simoultaneous operation of up to 3 soldering tools
- · Automatic tool detection
- Own vaccum channel for pick-up





WR 3000M



3-Channel Rework Station Set, 360 W (400 W) for horizontal applications











- Power unit WR 3M, 3 channels with soldering iron WP 80, desoldering iron DSX 80 and hot air iron HAP 200
- Large allround set for all repair jobs
- Desoldering iron DSX 80 for horizontal applications
- Simultaneous operation of hot air and desoldering



Scope of supply	Order No.	Model	Description
	T005 13 150 99	DX 113HM	DX 113HM Desoldering Nozzle with Threadless Fixture System for DSX 80 and DXV 80
	T005 13 190 99N	DSX 80	Desoldering iron 80 W, 24 V
	T005 15 152 99N	WDH 30	Safety rest with dry cleaner
	T005 15 161 99N	WDH 10T	Safety rest with Stop+Go function and dry cleaner for WP 65, WP 80 and WP 120 soldering iron
	T005 27 116 99N	HAP 200	Hot air iron 200 W, 24 V with hot air nozzle R 04 round Ø 1,2 mm
	T005 29 180 99N	WP 80	Soldering iron 80 W, 24 V with Silver-Line Heating Technology
	T005 29 184 99N	WVP	WVP Vacuum Pick-Up
	T005 33 666 99N	WR 3M	3-Channel Power Unit, 360 W (400 W)
	T005 44 405 99	LT B	Soldering tip, chisel, Ø 2,4 x 0,8 mm



WR 3000M Set for vertical applications



3-Channel Rework Station Set, 360 W (400 W) for vertical applications









- Power unit WR 3M, 3 channels with soldering iron WP 80, desoldering iron DXV 80 and hot air iron HAP 200
- · Large allround set for all repair jobs
- Desoldering iron DXV 80 for vertical applications
- · Simultaneous operation of hot air and desoldering



Scope of supply	Order No.	Model	Description
	T005 13 150 99	DX 113HM	DX 113HM Desoldering Nozzle with Threadless Fixture System for DSX 80 and DXV 80
	T005 13 180 99N	DXV 80	Inline desoldering iron 80 W, 24 V
	T005 15 152 99N	WDH 30	Safety rest with dry cleaner
	T005 15 153 99N	WDH 40	Safety rest with dry cleaner for DXV 80 and WXDV 120 desoldering iron
	T005 15 161 99N	WDH 10T	Safety rest with Stop+Go function and dry cleaner for WP 65, WP 80 and WP 120 soldering iron
	T005 27 116 99N	HAP 200	Hot air iron 200 W, 24 V with hot air nozzle R 04 round Ø 1,2 mm
	T005 29 180 99N	WP 80	Soldering iron 80 W, 24 V with Silver-Line Heating Technology
	T005 29 184 99N	WVP	WVP Vacuum Pick-Up
	T005 33 666 99N	WR 3M	3-Channel Power Unit, 360 W (400 W)
	T005 44 405 99	LT B	Soldering tip, chisel, Ø 2,4 x 0,8 mm

Accessories for WR 3000M Sets

Order No.	Description
T005 87 388 50	Adapter for footswitch for WR 3000M Sets and WR 2
T005 13 120 99N	Foot-Switch 1-Step
T005 29 184 99N	WVP Vacuum Pick-Up
T005 87 658 01N	PDN Pliers for changing nozzles.





WR 2 Rework Station

REWORK ON HIGHEST LEVEL WITH 2 CHANNELS

One station meets the requirements of a rework workplace. Unique connecting compatibility of all tools.

2 independent tool channels with automatic tool recognition guarantee the simultaneous operation of 2 soldering tools. Tools are permanently ready for use.



TECHNICAL DATA

Channels	2
Dimensions L x W x H (Inches)	11,02 x 9,45 x 4,06
Dimensions L x W x H (mm)	280 x 240 x 103
Weight (approx.) in kg	5.6
Voltage	230 V
Power	250 W (300 W)
Protection class	1
Overcurrent release	1,6 A
Temperature range (depends on tool) °C	50 - 550
Temperature range (depends on tool) °F	150 - 999
Temperature accuracy °C	±9
Temperature accuracy °F	±17
Temperature stability °C	±2
Temperature stability °F	±4
Equipotential bonding	✓
Max. vacuum	0,7 bar
Interface	-
ESD-safe	✓
Automatic tool identification	✓
Temperature accuracy for hot air °C	±30
Temperature accuracy for hot air °F	±54
Capacity I/min	18
Max. hot air flow rate I/ min (depends on tool)	10
Built-in pump	Periodic duty 30/30 s
Vacuum	0,7 bar
IPC-compliant	(Tip to ground) Corresponds to IPC-J-001
Display	LCD

WR 2



2-Channel Power Unit, 200 W (300 W)

250 W (300 W)





Order No. T005 33 776 99N

- 2 independent channels with automatic tool recognition
- Simultanous operation up to 2 tools





WR 2002



2-Channel Rework Station Set, 200 W (300 W)

250 W (300 W) WT compatible





Order No. T005 33 806 99N

- Power unit WR 2, 2 channels with soldering iron WP 80, desoldering iron DSX 80
- Small repair set for all rework applications
- Simultaneous operation of up to 2 soldering tools (hot air and desoldering iron at the same time is not possible)



Scope of supply	Order No.	Model	Description
	T005 13 150 99	DX 113HM	DX 113HM Desoldering Nozzle with Threadless Fixture System for DSX 80 and DXV 80
	T005 13 190 99N	DSX 80	Desoldering iron 80 W, 24 V
	T005 15 121 99N	WDH 10	Safety rest with dry cleaner
	T005 15 152 99N	WDH 30	Safety rest with dry cleaner
	T005 29 180 99N	WP 80	Soldering iron 80 W, 24 V with Silver-Line Heating Technology
	T005 33 776 99N	WR 2	2-Channel Power Unit, 200 W (300 W)
	T005 44 405 99	LT B	Soldering tip, chisel, Ø 2.4 x 0.8 mm

Soldering Stations | WT Line

WR 2000ER

2-Channel Rework Station Set, 200 W (300 W)

250 W (300 W) WT





Order No. T005 33 808 99N

- Power unit WR 2, 2 channels with desoldering iron DSX 120, soldering iron WP 65 and safety rests WDH 10 and WDH 30
- · Repair kit for soldering and desoldering
- Simultaneous operation of up to 2 soldering tools



Scope of supply	Order No.	Model	Description
	T005 13 198 99N	DSX 120	Desoldering iron for horizontal applications
	T005 13 250 99	XDS 1	Desoldering nozzle Inside Ø 1, 4 mm, Outside Ø 2, 5 mm, Nozzle length 10, 5 mm
	T005 15 121 99N	WDH 10	Safety rest with dry cleaner
	T005 15 152 99N	WDH 30	Safety rest with dry cleaner
	T005 29 215 99N	WP 65	Soldering iron 65 W, 24 V with Power- Response Heating Technology
	T005 33 776 99N	WR 2	2-Channel Power Unit, 200 W (300 W)
	T005 44 851 99	XNT A	Soldering tip chisel 1,6 x 0,4 mm
	T005 87 658 01N	PDN	PDN Pliers for changing nozzles.

WR 2000A



2-Channel Rework Station Set, 200 W (300 W)







Order No. T005 33 786 99N

- Hot air station WR 2, 2 channels with hot air iron HAP 1
- · Small hot air set
- Simultaneous operation of 2 soldering tools
- All soldering tools upto 200 W connectable



Scope of supply	Order No.	Model	Description
	T005 15 152 99N	WDH 30	Safety rest with dry cleaner
	T005 27 115 99N	HAP 1	Hot air iron 100 W, 24 V with hot air nozzle round R 06 Ø 3,0 mm
	T005 33 776 99N	WR 2	2-Channel Power Unit, 200 W (300 W)
	T005 87 278 21	R04	R 04 Hot Air Nozzle Round, Ø 1,2 mm, for HAP 1 and HAP 200
	T005 87 278 22	R06	R06 Round Nozzle for HAP 1 and HAP 200, Ø 3.0 mm



WT 2M Soldering Station

COMPATIBLE WITH MICRO TOOLS, AND MORE!

Packing 150 W of power, the multifunctional 2-channel WT 2M soldering station can operate 2 soldering tools simultaneously. It is backwards compatible with Weller's micro soldering tools, plus many existing passive tip tools providing high performance, easy handling, and long tip life.



TECHNICAL DATA

Channels	1
Dimensions L x W x H (Inches)	5,31 x 4,29 x 5,87
Dimensions L x W x H (mm)	135 x 109 x 149
Weight (approx.) in kg	2.88
Voltage	230 V
Power	150 W (160 W)
Protection class	
Fuse	T800mA
Temperature range (depends on tool) °C	50 - 450
Temperature range (depends on tool) °F	150 - 850
Temperature accuracy °C	±9
Temperature accuracy °F	±17
Temperature stability °C	±2
Temperature stability °F	±4
Equipotential bonding	✓
USB port	
ESD-safe	✓
Automatic tool identification	
Display	LCD
Equipotential bonding socket	Via 3,5 mm pawl socket on back of device (normal state hard grounded)
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WT 2M

2-Channel Power Unit, 150 W







Order No. T005 34 436 99

- Serving 2 users at once (with intelligent power sharing)
- High performance and functionality Compatible with Weller's microsoldering cartridge tip tools, plus many existing passive tip tools
- Intuitive use thanks to clear menu structure
- · Reduced footprint thanks to stackability
- Automatic standby of tool thanks to integrated acceleration sensor in the tool
- Housing cover useable as storage
- · OFF time, Prozess window, Lock function, Offset





WT 2010M

2-Channel Soldering Station Set, 150 W with soldering iron WTP 90







Order No. T005 34 446 99

- Power unit WT 2M, 2 channel with soldering iron WTP 90 and safety rest WSR 200
- WTP 90: The soldering iron for universal use with power response tips. Tip family XNT & THM (high mass tips)
- Intuitive use thanks to clear menu structure
- Reduced footprint thanks to stackability
- Automatic standby of tool thanks to integrated acceleration sensor in the tool
- · Housing cover useable as storage
- OFF time, Process window, Lock function, Offset

Scope of supply	Order No.	Model	Description
	T005 29 223 99N	WTP 90 Set	Hybrid soldering iron WTP 90 with safety rest
	T005 34 436 99	WT 2M	2-Channel Power Unit, 150 W

WT 2020M

2-Channel Soldering Station Set, digital 150 W with desoldering tweezers WMRT and soldering iron WMRP

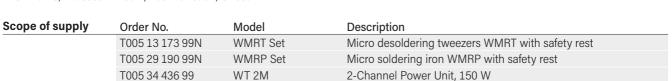






Order No. T005 34 456 99

- Power unit WT 2M, 2 channel station with WMRT micro desoldering tweezers and WSR 203 safety rest and WMRP micro soldering iron with WSR 205 safety rest
- WMRP: Micro soldering iron for Active-Tip Heating Technology, RT Tip family; WMRT: Micro desoldering tweezers for Active-Tip Heating Technology, RTW Tip family
- Intuitive use thanks to clear menu structure
- Reduced footprint thanks to stackability
- Automatic standby of tool thanks to integrated acceleration sensor in the tool
- · Housing cover useable as storage
- · OFF time, Process window, Lock function, Offset









WT 1H Soldering Station

THIS IS SOLDERING TODAY

If you need even more performance than 90 watts, then the high power version with 150 watts is the right solution.



TECHNICAL DATA

Channels	1
Dimensions L x W x H (Inches)	5.87 x 5.43 x 3.98
Dimensions L x W x H (mm)	149 x 138 x 101
Weight (approx.) in kg	3
Voltage	230 V, 50 Hz
Power	150 W
Protection class	1
Fuse	T2A
Temperature range (depends on tool) °C	50 - 550
Temperature range (depends on tool) °F	150 - 999
Temperature accuracy °C	±9
Temperature accuracy °F	±17
Temperature stability °C	±2
Temperature stability °F	±4
Equipotential bonding	✓
Interface	One switching output
ESD-safe	✓

Front-mounted main switch

The front-mounted main switch ensures easy access at all times.



Multi-functional LC display

Unique LC display with a detailed overview of all functions. Adjustable background illumination. Power bar graph allows visual monitoring of the easily-readable output power from the station to the soldering iron tip.



New menu button

Provides ultimate user friendly access to and navigation in the menu structure.





WT 1H

1-Channel Power Unit, 150 W







Order No. T005 34 356 99N

- High productivity (Power unit with 1 channel, 150W)
- Intuitive use thanks to clear menu structure
- Reduced footprint thanks to stackability
- Grafical backlit LC-Display
- High performance and functionality many connectable tools
- Automatic standby of tool thanks to integrated acceleration sensor in the tool
- Housing cover useable as storage
- OFF time, Prozess window, Lock function, Offset



WT 1010H

1-Channel Soldering Station Set, 150 W with soldering iron WP120







Order No. T005 34 386 99N

- Power unit WT 1H, 1 channel with soldering iron WP 120 Robust and safety rest WSR 201
- WP 120 (120 W): All-rounder with Power-Response soldering tip, XT Tip family and XT soldering head
- OFF time, Prozess window, Lock function, Offset



Scope of supply	Order No.	Model	Description
	T005 15 175 99N	WSR 201	2-in-1 safety rest with metal wool brass and sponge
	T005 29 193 99N	WP 120	Soldering iron 120 W, 24 V with Power- Response Heating Technology
	T005 34 356 99N	WT 1H	1-Channel Power Unit, 150 W
	T005 44 704 99	XT B	Soldering tip chisel Ø 2,4 mm





WT 1011H

1-Channel Soldering Station Set, 150 W with soldering iron WP 200







Order No. T005 34 396 99N

- Power unit WT 1H, 1 channel with soldering iron WP 200 and safety rest WSR 202
- WP 200 High Power soldering iron (200 W) with power response tips. Ideal for applications with high mass applications. Tip Family XHT
- OFF time, Process window, Lock function, Offset



Scope of supply	Order No.	Model	Description
	T005 15 176 99N	WSR 202	2-in-1 safety rest with metal wool brass and sponge
	T005 29 199 99N	WP 200	Soldering iron 200 W, 24 V with Power- Response Heating Technology
	T005 34 356 99N	WT 1H	1-Channel Power Unit, 150 W
	T005 44 801 99	XHT D	Soldering tip, chisel, 5.0 x 1.2 mm

Soldering Stations | WT Line

WT 1 Soldering Station

THIS IS SOLDERING TODAY

The detailed LC display enables an unprecedented overview of all functions, quick and easy to reach via the new userfriendly menu button. The lightning quick change process of the heating element during operation allows efficient work with several different tip types in quick succession.



TECHNICAL DATA

Channels	1
Dimensions L x W x H (Inches)	5,87 x 5,44 x 3,98
Dimensions L x W x H (mm)	149 x 138 x 101
Weight (approx.) in kg	1.9
Voltage	230 V, 50/60 Hz
Power	95 W
Protection class	
Fuse	0,5 A
Temperature range (depends on tool) °C	50 - 450
Temperature range (depends on tool) °F	150 - 850
Temperature accuracy °C	±9
Temperature accuracy °F	±17
Temperature stability °C	±2
Temperature stability °F	±4
Equipotential bonding	✓
Interface	One switching Output
ESD-safe	✓
Automatia to al identification	.1



The front-mounted main switch ensures easy access at all times.



Multi-functional LC display

Unique LC display with a detailed overview of all functions. Adjustable background illumination. Power bar graph allows visual monitoring of the easily-readable output power from the station to the soldering iron tip.



New menu button

Provides ultimate user friendly access to and navigation in the menu structure.



Display



WT 1

1-Channel Power Unit, 95 W







Order No. T005 34 346 99N

- High productivity (Power unit with 1 channel, 90 W)
- Intuitive use thanks to clear menu structure
- · Reduced footprint thanks to stackability
- Grafical backlit LC-Display
- High performance and functionality many connectable tools
- · Automatic standby of tool thanks to integrated acceleration sensor in the tool
- · Housing cover useable as storage
- OFF time, Process window, Lock function, Offset



Scope of supply	Order No.	Model	Description
	T005 34 346 99N	WT 1	1-Channel Power Unit, 95 W

WT 1010

1-Channel Soldering Station set, 95 W with soldering iron WTP 90







Order No. T005 34 366 99N

- Power unit WT 1, 1 channel with soldering iron WTP 90 and safety rest WSR 200
- WTP 90: The soldering iron (90 W) for universal use with power response tips. Tip family XNT & XH (high mass tips)
- · OFF time, Process window, Lock function, Offset



Scope of supply	Order No.	Model	Description
	T005 15 174 99N	WSR 200	2-in-1 safety rest with metal wool brass and sponge
	T005 29 222 99N	WTP 90	Hybrid soldering iron 90 W, 24 V with Power Response Heating Technology
	T005 34 346 99N	WT 1	1-Channel Power Unit, 95 W
	T005 44 851 99	XNT A	Soldering tip chisel 1.6 x 0.4 mm





WT 1012

1-Channel Soldering Station Set, digital 95 W with soldering iron WSP 80







Order No. T005 34 406 99N

- Power unit WT 1, 1 channel with soldering iron WSP 80 and safety rest WSR 201
- WSP 80 soldering iron (80 W) with Silver-Line tips for all standard soldering applications. Tip family: LT
- OFF time, Process window, Lock function, Offset



Scope of supply	Order No.	Model	Description
	T005 15 175 99N	WSR 201	2-in-1 safety rest with metal wool brass and sponge
	T005 29 161 99N	WSP 80	Soldering iron 80 W, 24 V with Silver-Line Heating Technology
	T005 34 346 99N	WT 1	1-Channel Power Unit, 95 W
	T005 44 405 99	LT B	Soldering tip, chisel, Ø 2,4 x 0,8 mm

WT 1013

1-Channel Soldering Station Set, 95 W with soldering iron WP 80







Order No. T005 34 416 99N

- Power unit WT 1, 1 channel with soldering iron WP 80 and safety rest WSR 201
- WP 80: Soldering iron (80 W) with Silver-Line tips for all standard applications with short tip-to-grip design. Tip family LT
- OFF time, Process window, Lock function, Offset



Scope of supply	Order No.	Model	Description
	T005 15 175 99N	WSR 201	2-in-1 safety rest with metal wool brass and sponge
	T005 29 180 99N	WP 80	Soldering iron 80 W, 24 V with Silver-Line Heating Technology
	T005 34 346 99N	WT 1	1-Channel Power Unit, 95 W
	T005 44 405 99	ITR	Soldering tip chisel Ø 24 x 0.8 mm



WT 1014

1-Channel Soldering Station Set, 95 W with soldering iron WSP 80 Robust







Order No. T005 34 426 99N

- Power unit WT 1, 1 channel with soldering iron WSP 80 Robust and safety rest WSR 201
- WSP 80 Robust soldering iron (80 W) with power response tips for all standard applications, robust version. Tip family LT
- OFF time, Process window, Lock function, Offset



Scope of supply	Order No.	Model	Description
	T005 15 175 99N	WSR 201	2-in-1 safety rest with metal wool brass and sponge
	T005 29 172 99N	WSP 80 Robust	Soldering iron robust 80 W, 24 V with Silver-Line Heating Technology
	T005 34 346 99N	WT 1	1-Channel Power Unit, 95 W