

Technical Data



WD 1



WD 1M



PUD 81



PUD 151



PU 81

Dimension L x B x H	134 x 108 x 147 mm	134 x 108 x 147 mm	166 x 115 x 101 mm	166 x 115 x 101 mm	166 x 115 x 101 mm
Channels	1	1	1	1	1
Power supply	230 V	230 V	230 V	230 V	230 V
Power consumption	80 W	150 W	80 W	150 W	80 W
Protection class	I				
Temperature range	50°C – 450°C	50°C – 450°C	50°C – 450°C	50°C – 550°C	150°C – 450°C
Temperature accuracy	± 9°C	± 9°C	± 11°C	± 9°C	± 9°C
Temperature stability	± 5°C	± 5°C	± 5°C	± 5°C	± 5°C
Display	LCD	LCD	LED	LED	no
Setting	Buttons	Buttons	Buttons	Buttons	Potentiometer
ESD safe	yes	yes	yes	yes	yes
Equipotential bonding	Via 3,5 mm pawl socket on back of device (normal state hard grounded)				
USB interface	yes*	yes*	no	no	no
Order-no.	T005 34 006 99	T005 34 156 99	T005 32 626 99	T005 32 786 99	T005 32 526 99

*optional (see page 25)

Soldering Stations



- Cost reduction - longer tip lifetime due to temperature reduction
- Automatic tool recognition
- Easy tip exchange without tools
- ESD safe



Ready, set, go - with perfect accuracy!

1 channel WD soldering station is userfriendly due to the large LC display. 2 special menus for individual settings, e.g. stand-by mode, lock function and many more.




WD 1000 Set

- Power unit 80 W, 1 channel with soldering iron
- For small sensible components

 **LT Soldering tip series**
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Order-no.	Model	Description
T005 34 026 99	WD 1000 Set	Soldering station, 1 channel, 80 W / 230 V

Scope of supply:

1	T005 34 006 99	WD 1	Power unit, 80 W
2	T005 29 180 99	WP 80	Soldering iron 80 W, 24 V with Silver Line Technology 
3	T005 44 405 99	LT B	Standard tip LT B, Chisel 2,4 x 0,8 mm
4	T005 15 121 99	WDH 10	Safety rest with dry cleaner


WD 1000 T Set

- Power unit 80 W, 1 channel as WD 1000 Set but with safety rest WDH 10T with Stop & Go function

 **LT Soldering tip series**
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Order-no.	Model	Description
T005 34 026 70	WD 1000 T Set	Soldering station, 1 channel, 80 W / 230 V

Scope of supply:

	T005 34 006 99	WD 1	Power unit, 80 W
	T005 29 180 99	WP 80	Soldering iron 80 W, 24 V with Silver Line Technology 
	T005 44 405 99	LT B	Standard tip LT B, Chisel 2,4 x 0,8 mm
	T005 15 161 99	WDH 10T	Safety rest with Stop & Go function and with dry cleaner

WD 1M Power Unit

- Power unit, 1 channel, digital 160 W / 230 V
- For micro soldering iron WMRP and micro tweezers WMRT



Order-no.	Model	Description
T 005 34 156 99	WD 1M	Power Unit 150 W, 230 V

WD 1 Power Unit

- Power unit, 1 channel, digital 80 W / 230 V
- For all soldering tools up to 80 W



Order-no.	Model	Description
T005 34 006 99	WD 1	Power Unit 80 W / 230 V

Order-no.	Description
T005 31 185 99	USB Interface for ISO applications

Soldering Stations



- Easy handling
- Very good cost / performance ratio
- ESD safe



Digital soldering stations WSD (Optical set and read temperature display) and WS (set-temperature display) stations
 Weller WSC and WS stations are cost effective, digital soldering stations with an easy handling.
 Other parameter possible (WSD stations) with an external calibration unit.

WSD 81 Set


- Power unit, 1 channel with soldering iron WSP 80

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Order-no.	Model	Description
T005 32 606 99	WSD 81 Set	Soldering station, 1 channel, 80 W / 230 V

Scope of supply:

1	T005 32 626 99	PUD 81	Power unit, 80 W
2	T005 29 161 99	WSP 80	Soldering iron 80 W, 24 V with Silver Line Technology 
3	T005 44 405 99	LT B	Standard tip LT B, Chisel 2,4 x 0,8 mm
4	T005 15 140 99	WPH 80	Safety rest with cleaning sponge

WSD 151 Set


- Power unit, 1 channel with soldering iron WSP 150

 **LHT Soldering tip series**
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Order-no.	Model	Description
T005 32 766 99	WSD 151 Set	Soldering station, 1 channel, 150 W / 230 V

Scope of supply:

1	T005 32 786 99	PUD 151	Power unit, 150 W
2	T005 29 170 99	WSP 150	Soldering iron 150 W, 24 V with Silver Line Technology 
3	T005 44 450 99	LHT F	Standard tip LHT F, Chisel 9,3 mm
4	T005 15 027 99	KH 27	Safety rest with cleaning sponge

WS 81 Set

- Power unit, 1 channel with soldering iron WSP 80



LT Soldering tip series
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Order-no.	Model	Description
T005 32 506 99	WS 81 Set	Soldering station, 1 channel, 80 W / 230 V, analog

Scope of supply:

1	T005 32 526 99	PU 81	Power unit, 80 W, analog	
2	T005 29 161 99	WSP 80	Soldering iron 80 W, 24 V with Silver Line Technology	
3	T005 44 405 99	LT B	Standard tip LT B, Chisel 2,4 x 0,8 mm	
4	T005 15 140 99	WPH 80	Safety rest with cleaning sponge	

PU 81 Power Unit

- Power unit switchable, 80 W, 120 V / 240 V with US plug



Order-no.	Model	Description
T005 32 524 99	PU 81	Power unit switchable, 80 W, 120 V / 240 V with US plug, analog

Accessory:

T005 87 489 90	Key switch with control panel
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Soldering Stations



- Easy handling
- Good cost / performance ratio



Ferro Magnetic Controlled Soldering Station (Magnastat)

The Weller Magnastat system operates through a ferro-magnetic device which changes its characteristics when specific temperatures are reached. This causes it to either attract or repel a permanent magnet which operates a power supply switch. In this way power to the heating element can be quickly switched on or off to either provide extra power for soldering operations or reduced power when idling. Various preselected tip temperatures (260°C, 310°C, 370°C, 425°C, 480°C) are available for different soldering tasks. The unit is not suitable for ESD application because the iron is not antistatic.

Technical Data

WTCP 51



Dimension L x B x H:	166 x 115 x 101
Channels:	1
Power supply:	230 V (240 V, 120 V), 50 (60) Hz
Heating voltage:	24V, 50 (60) Hz
Soldering iron:	max. 50 W bei 24 V
Display:	nein
Temperature control:	two-level controller
Equipotential bonding:	yes
USB interface:	no
Control:	two-level controller with temperature sensor
Order-no.	T0053220699




WTCP 51 Set

- Power unit, 1 channel with soldering iron TCPS



LT Soldering tip series
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Order-no.	Model	Description
T005 32 206 99	WTCP 51 Set	Soldering station, 1 channel, 50 W / 230 V
Scope of supply:		
1	T005 32 226 99 P 51	Power unit, 50 W
2	T005 32 105 99 TCPS	Soldering iron 50 W, 24 V with Silver Line Technology 
3	T005 44 405 99 LT M	Standard tip LT M, Chisel 2,0 x 0,8 mm and PT-LT adapter
4	T005 15 020 99 KH 20	Safety rest with cleaning sponge

P 51 Power Unit

- Power unit switchable, 50 W, 120 V / 240 V with US plug
- For all tools upto 50 W except WMRP and WMRT



Order-no.	Model	Description
T005 32 224 99	P 51	Power unit switchable, 50 W, 120 V / 240 V with US plug