

## WSM 1C Rechargeable soldering station

- Solution for service technician
- 50 W



RT Soldering tip series  
page 164/165



Order-no.	Model	Description
T005 32 936 99	WSM 1C	Rechargeable soldering station with micro soldering iron WMRP and soldering tip RT 3, chisel 1,3 mm and safety rest with dry cleaner. Recharged in 20 minutes.



## Accessory

Order-no.	Description
T005 87 518 80	Car adapter for recharge via 12 V board net



# Hot Air

The Weller WHA hot air stations are designed for soldering and desoldering sensitive SMD components with hot air. The stations use temperature and volume controlled hot air with Weller patented nozzle technology. 3 stations are available: a digital hot air station with integrated turbine and vacuum (WHA 3000V and WHA 3000P) and an analog hot air station without vacuum for easy applications (WHA 900). A wide range of different nozzles for common SMD components are available.

## WHA 3000V

- With integrated vacuum
- 700 W Hot air station
- For compressed air or inert gas.



Hot air nozzles  
page 198–204



Order-no.	Model	Description
<b>T005 33 366 99</b>	<b>WHA 3000V</b>	<b>Hot air station 700 W / 230 V</b>

Scope of supply:

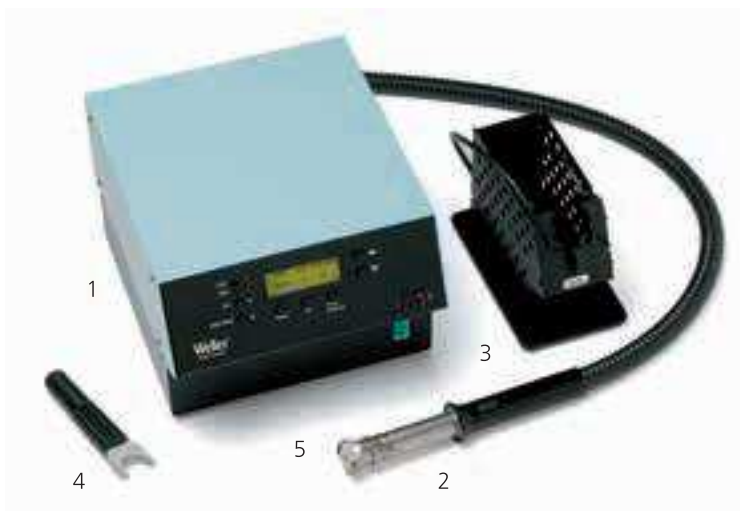
1	WHA 3000V	Power unit 230 V for use with compressed air or inert gas
2	HAP 3000	Hot air iron
3	T005 15 043 99	SAK 30
	T005 87 577 70	Foot switch 2 steps
4	T005 15 049 99	Nozzle change tool
5	T005 87 507 21	NQ 30
		Nozzle, 4 side heated, 17,5 x 23,5 mm

## WHA 3000P

- 700 W Hot air station
- With integrated vacuum
- With integrated turbine



Hot air nozzles  
page 198–204



Order-no.	Model	Description
<b>T005 33 346 99</b>	<b>WHA 3000P</b>	<b>Hot air station 700 W / 230 V</b>

Scope of supply:

1	WHA 3000P	Power Unit 230 V with integrated turbine
2	HAP 3000	Hot air iron
3	T005 15 043 99	SAK 30
	T005 87 577 70	Foot switch 2 steps
4	T005 15 049 99	Nozzle change tool
5	T005 87 507 21	NQ 30
		Nozzle, 4 side heated, 17,5 x 23,5 mm

# Accessories Soldering Bathes

Rework preparation tool e.g. for tin coating of wire ends and cleaning of leads and wires from excess and dirt.  
All soldering baths are suitable for leadfree solder.

## W101 H Soldering Bath

- 100 W, 230 V
- Inside Ø 17,4 mm, depth 22 mm
- Different temperatures available
- Magnastat temperature control
- Horizontal stand
- For lead free solder



Order-no.	Model	Description
<b>T005 61 093 99</b>	<b>W101 H</b>	<b>Miniature soldering bath 100 W, 230 V</b>

Scope of supply:

Miniature soldering bath with 330°C insert and horizontal stand

Accessories:

T005 11 706 99	Insert for temperature 285°C
T005 11 707 99	Insert for temperature 330°C
T005 11 708 99	Insert for temperature 380°C
T005 11 709 99	Insert for temperature 450°C

## WSB 80 Soldering Bath

- 80 W, 24 V
- Inside Ø 20 mm, depth 25 mm
- Temperature range 50°C – 450°C
- Connectable to all Weller 80 W digital stations
- V2A tray to guard against dripping solder residue
- Size housing: 150 x 120 x 65 mm (L x B x H)
- Heat-up time ~ 7 min (50°C – 350°C)
- For lead free solder



Order-no.	Model	Description
<b>T005 27 040 99</b>	<b>WSB 80</b>	<b>Soldering bath 80 W, 24 V</b>

## WSB 150 Soldering Bath

- 150 W, 24 V
- Soldering bath size: 58 x 33 x 19 mm (L x W x H)
- Temperature range 50°C – 550°C
- Connectable to all Weller 150 W digital stations
- V2A tray to guard against dripping solder residue
- Size housing: 150 x 120 x 65 mm (L x W x H)
- Heat-up time ~ 10 min (50°C – 350°C)
- For lead free solder



Order-no.	Model	Description
<b>T005 27 042 99</b>	<b>WSB 150</b>	<b>WSB 150 Soldering bath 150 W, 24 V</b>

## WXSB 200 Soldering Bath

- 200 W, 24 V
- Soldering bath size: 58 x 33 x 19 mm (L x W x H)
- Temperature range 100°C – 500°C
- Connectable to all WX tools
- Heat-up time ~ 10 min (50°C – 350°C)
- Size housing: 150 x 120 x 65 mm (L x W x H)



Available from September 2013



Order-no.	Model	Description
<b>T005 27 043 99</b>	<b>WXSB 200</b>	<b>WXSB 200 Soldering bath 200 W, 24 V</b>

[www.labem.pl](http://www.labem.pl)

# Accessories Cleaning Tools

## The solution for cleaning lead free solder!

When using lead free you will be experienced an increased in oxidation in the wettable area of the tip. These oxides must be removed regularly otherwise it will make the tip completely unwettable and not usable anymore. When cleaning the tip by means of the Weller WDC Dry Cleaner a special brass wool is used. First the surplus solder is removed by tapping the tip on the soft edge of the collector box. The final cleaning is then done by pushing and turning the tip in the brass wool. After cleaning there is still a fine amount of solder on the tip avoiding fast oxidation of the iron layer which is an advantage versus the cleaning by the wet sponge. The brass wool can be soaked in flux which may improve the performance further. More informations for cleaning you can find on page 160/161.

## WDC Dry cleaner

- Minimisation of the erosion
- Double soldering tip lifetime
- Superior wetting properties
- Reduced spring effect - less solder splashes



Order-no.	Model	Description
T005 15 124 99	WDC	Dry cleaner for soldering tips with brass cleaning wool

Accessories:

T005 13 840 99		Brass cleaning wool for WDC (2 pieces)
T005 13 824 99		Metal wool for WDC (2 pieces)

## WDC 2 Dry cleaner



Order-no.	Model	Description
T005 15 125 99	WDC 2	Dry Cleaner for WDH safety rests with brass cleaning wool

Accessories:

T005 13 841 99		Brass cleaning wool for WDC 2 (2 pieces)
T005 13 825 99		Metal wool for WDC 2 (2 pieces)

## Cleaning sponge



Order-no.	Description
T005 22 419 99	Cleaning sponge single-layer, 70 x 55 x 16 mm
T005 22 420 99	Cleaning sponge double-layer, 70 x 55 x 16 mm

## Stainless steel brush



Order-no.	Model	Description
T005 13 827 99		Stainless steel brush (3 pieces)

# Accessoires Volume Extraction: Extraction Arm Sets



## Easy Click 60 Kit 1 WF 32

- Microscope extraction arm
- With sloped nozzle



Order-no.	Model	Description
<b>T005 87 627 70</b>	<b>Kit 1 WF 32</b>	<b>Easy-Click-60 Microscope Extraction arm Ø 32 mm, Set flexible, length 1 m</b>

Consists of:

T005 36 574 99	Stop valve with bench mounting brackets
T005 36 576 99	Extraction hose flexible 3 m
T005 36 580 99	Extraction arm ø 32 mm

## Easy Click 60 Kit 1 WF Funnel

- With funnel



Order-no.	Model	Description
<b>T005 36 571 99</b>	<b>Kit 1 WF</b>	<b>Easy-Click-60 Extraction arm with funnel, width 230 mm, height 100 mm, Set flexible, Ø 60 mm, length 1 m</b>

Consists of:

T005 36 574 99	Stop valve with bench mounting brackets
T005 36 576 99	Extraction hose flexible 3 m
T005 36 578 99	Extraction arm ø 60 mm
T005 36 573 99	Funnel nozzle

## Easy Click 60 Kit 1 WF Nozzle

- With sloped nozzle



Order-no.	Model	Description
<b>T005 36 572 99</b>	<b>Kit 1 WF</b>	<b>Easy-Click-60 Extraction arm with sloped nozzle, 60 mm, length 1 m</b>

Consists of:

T005 36 574 99	Stop valve with bench mounting brackets
T005 36 576 99	Extraction hose flexible 3 m
T005 36 578 99	Extraction arm ø 60 mm
T005 36 577 99	Sloped nozzle



Easy Click 60  
Hose connector, straight



Order-no.  
T005 87 627 67

Description  
Hose connector, straight for WFE 2S / WFE 4S,  
Zero Smog 4V / Zero Smog 6V and pre filter box

Easy Click 60  
Hose connector,  
angle 90°



Order-no.  
T005 87 627 69

Description  
Hose connector, angle 90° for WFE 2S / WFE 4S,  
Zero Smog 4V / Zero Smog 6V and pre filter box

Easy Click 60  
WFV 60 Stop valve



Order-no.  
T005 36 574 99

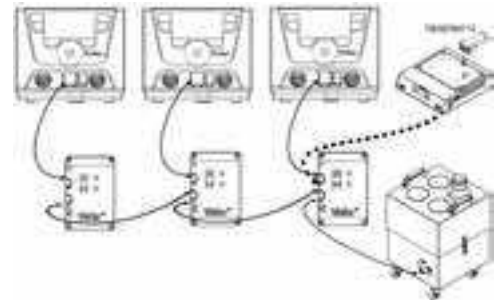
Description  
WFV 60 Stop valve incl. bench mounting brackets

Easy Click 60  
WFV 60 A



Order-no.  
T005 87 627 46

Description  
WFV 60 A Stop valve 230 V



Easy Click 60  
WFV 60  
Stop valve



Order-no.  
T005 87 627 65

Description  
WFV 60 Stop valve for extraction arm

Easy Click 60  
Butterfly valve  
Spare



Order-no.  
T005 87 628 08

Description  
Butterfly valve for WFV 60 stop valve

## FE attachments

A range of FE attachments is available to fit to Weller soldering and desoldering irons to convert standard products to fume extraction versions. The attachments are supplied with all necessary fittings and hoses. The performance of the retro fitted tools is not affected.



Order-no.	Description
T005 25 125 99	FE-attachment for LR 21, LR 82, TCPS, W 61, W 101, WP 200, WXP 200 WSP 150
T005 28 126 99	FE-attachment for WSF 80D5/D8 for AKS safety rest
T005 13 125 99	FE-attachment for DS 22, DS 80 and DSX 80 desoldering iron

## Universal FE attachments

For Weller soldering irons WP 80, WSP 80, WMP, WMRP, MLR 21 or soldering irons with handle diameter Ø 10-13 mm. Clip will be fasten with an O-ring to the soldering iron.



Order-no.	Description
T005 29 186 99	FE-attachment with tube Ø 6 mm for WSP 80, WP 80, MLR 21, WMP, WP 120
T005 29 214 99	FE-attachment with tube, Ø 6 mm for WP 65 and WP 120



T005 29 185 99	FE-attachment with tube Ø 4,5 mm, for WMRP and WSP 80, WP 80, MLR 21, MLR 80, WMP, for fine soldering applications
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T005 87 448 75	FE-Clip-Set for FE-attachment, tube Ø 4,5 mm
T005 87 448 76	FE-Clip-Set for FE-attachment, tube Ø 6,0 mm



T005 87 657 98	FE-Add-on kit, attachment tube Ø 6 mm WXP 120
T005 87 657 99	FE-Add-on kit, attachment tube Ø 6 mm WXP 65



## Safety rest WDH 50

■ With Stop+Go function


Order-no.	Model	Description
T005 15 156 99	WDH 50	Safety rest with Stop+Go function for WMRP iron with FE-attachment

Inline desoldering iron with internal solder reservoir for vertical handling. Electronic temperature control. Micro finger switch controls quick start of fast action vacuum pump. Different nozzles and CSF heads are available.



## DXV 80 Set

- 80 W, 24 V
- Internal solder reservoir
- For vertical applications

 **DX Nozzle series**  
page 194

Order-no.	Model	Description
<b>T005 13 182 99</b>	<b>DXV 80 Set</b>	<b>Inline desoldering iron 80 W, 24 V with threadless nozzle fixture system</b>

### Scope of supply

1	T005 13 180 99	DXV 80	Inline desoldering iron 80 W, 24 V
2	T005 15 153 99	WDH 40	Safety rest
3	T005 13 142 00	DX 112	Nozzle inner ø 1,0 mm
4	T005 13 143 00	DX 113	Nozzle inner ø 1,2 mm
5	T005 13 500 99		Cleaning Set
6	T005 87 418 15		Filter cartridge for DXV 80 (5 pieces)
7	T005 87 418 23		Brush for heating element
8	T005 87 067 94		Cone cleaner

## WXDV 120 Set

- 120 W, 24 V
- Temperature range  
100°C - 350°C, 120 W, 24 V
- Heat-up time ca. 35 sec.  
(50°C - 350°C / 122° F- 662°F)
- Setback capable
- Blue LED indication light
- Integrated tin collector
- Internal parameter storage  
(Zero Tolerance)
- Connectable to WXD 2




Available from September 2013



Order-no.	Model	Description
<b>T005 13 205 99</b>	<b>WXDV 120</b>	<b>Desoldering iron 120 W, 24 V</b>

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1	T005 13 204 99	WXDV 120	Desoldering iron 120 W, 24 V
2	T005 15 153 99	WDH 40	Safety rest
	T005 87 658 01	PDN	Pliers for desoldering nozzles
	T005 13 252 00		XDS 3 Nozzle
	T005 13 254 00		XDS 5 Nozzle
	T005 87 657 73		Cleaning Set
	T005 87 657 72		Cone cleaner
	T005 87 418 19		Filter cartridge (5 pieces)

 **XDS Nozzle series**  
page 197



# Desoldering Irons

## Maintenance set for Desoldering Irons and nozzles

- For cleaning nozzles and for nozzle exchange



Order-no.	Description
T005 87 658 01	PDN Pliers for desoldering nozzles

Order-no.	Description
T005 87 637 73	Cleaning set for WXDP 120 and WSDV 120
T005 13 500 99	Cleaning set for DSX 80 und DXV 80

Order-no.	Description
T005 87 657 78	Glas tube for WXDP 120
T005 13 605 99	Glas tube for DSX 120 and DSX 80 (4 pieces)

Order-no.	Description
T005 87 657 72	Cone cleaner for WXDP 120 / WXDV 120 / DSX 120
T005 87 067 94	Cone cleaner for DSX 80 and DXV 80

Order-no.	Description
T005 13 500 99	Cleaning set complete

### Scope of supply



T005 87 488 61	Handle
T005 13 501 99	Spare needle set, 0,6 mm / 0,9 mm / 1,4 mm / 1,9 mm



### Accessory

T005 13 502 99	Spare needle set, 1 x 1,9 mm, 3 x 0,9 mm
T005 13 503 99	Spare needle set, 1 x 1,9 mm, 3 x 0,5 mm
T005 13 504 99	Spare needle set, 1 x 1,9 mm, 3 x 1,4 mm

Conical



Type	Ø a mm	Order-no.
RTW 1 45° 	0,4	T005 44 651 99
RTW 6NW* 45° 	0,2	T005 44 656 99

Type	Ø a mm	Order-no.
RTW 1MS 45° 	0,4	T005 44 655 99
RTW 6NWMS* 45° 	0,2	T005 44 656 71

\* none wettable

MS tips: separate grounded

MS handles and MS soldering tips have to be used together.  
MS soldering tips are for use with MS handles only (WXMT MS / WMRT MS)

MS handles for RTW MS soldering tips


- T005 29 213 99      WXMT MS Micro tweezers handle packed
- T005 29 217 99      WXMT MS Micro tweezers with safety rest WDH 60
- T005 29 192 99      WMRT MS Micro tweezers handle without tips



- For quick change of hot soldering tips for soldering irons WP 80 / WSP 80.
- If not in use place soldering iron with barrel in the safety rest

## Barrel

Order-no.	Description
T005 87 447 10	Barrel for WSP 80 spare part
T005 87 448 45	Barrel short (40 mm) for WP 80, spare part, (standard for WP 80)
T005 87 448 46	Barrel long (55 mm) for WP 80, spare part




- For WSP 80, WSP 80IG and WP 80, WP 120, WP 120 IG, WXP 120, barrel and screw M4 has to be ordered separately.

## SMD Soldering Tip Series

Order-no.	Model	Description	Width A	Thickness B	Length L
T005 44 501 99	<b>SMT01</b>	for PAD-Cleaning	10,4 mm	0,6 mm	7,1 mm
T005 44 429 99	<b>SMT</b>	for PAD-Cleaning	10,5 mm	0,6 mm	7,5 mm
T005 44 502 99	<b>SMT02</b>	for PAD-Cleaning	16,8 mm	0,6 mm	7,1 mm
T005 44 503 99	<b>SMT03</b>	for PAD-Cleaning	20,8 mm	0,6 mm	7,1 mm
T005 44 467 89	<b>SMT</b>	for PAD-Cleaning	35,0 mm	3,0 mm	4,0 mm
T005 44 504 99	<b>SMT04</b>	for Chip	1,8 mm	3,4 mm	1,8 mm
T005 44 505 99	<b>SMT05</b>	for Chip	1,5 mm	2,3 mm	1,8 mm
T005 44 506 99	<b>SMT06</b>	for Chip	2,5 mm	1,7 mm	1,4 mm
T005 44 507 99	<b>SMT07</b>	for Chip	2,3 mm	4,5 mm	1,8 mm
T005 44 508 99	<b>SMT08</b>	for DIP	4,6 mm	5,1 mm	2,3 mm
T005 44 509 99	<b>SMT09</b>	for DIP	10,4 mm	5,1 mm	2,3 mm
T005 44 510 99	<b>SMT10</b>	for DIP	11,5 mm	6,9 mm	2,3 mm



# Desoldering Nozzles



## Cleaning set for DS + DX nozzles

Order-no.	Description	
T005 13 500 99	<b>Cleaning set complete</b> for cleaning desoldering nozzles and for nozzle exchange	
<b>consists of:</b>		
T005 87 488 61	Handle	
T005 13 501 99	Replacement needle set 0,6 mm / 0,9 mm / 1,4 mm / 1,9 mm	
<b>consists of:</b>		
T005 13 502 99	Replacement needle set je 1 x 1,9 mm, 3 x 0,9 mm	
T005 13 503 99	Replacement needle set ,je 1 x 1,9 mm, 3 x 0,5 mm	
<b>Cone Cleaner</b>		
T005 87 067 94	Cone insert – Cleaning tool	



Order-no.	Description
T005 87 658 01	PDN <b>Pliers for changing nozzles</b>

- For DX, XDS and XDSL nozzles
- Simple, safe and fast change of Weller desoldering nozzles.
- Especially designed grip for changing the nozzle without damaging the soldering tool.
- Ergonomic design for easy handling.
- ESD safe soft grip. For all ESD work places.
- Save and easy embracement for professional desoldering nozzle change.  
fachgerechten Wechsel der Entlötdüse
- Highest Weller product quality for long lifetime. Made in Germany.
- Fast cleaning process saves maintenance costs.

## XDS Desoldering nozzle series

### Desoldering nozzles for DSX 120, WXDP 120, WXDV 120

Order-no.	Model	Description	Inner Ø	Outer Ø	Nozzle Length
T005 13 250 99 T005 13 250 10	<b>XDS 1</b>	Nozzle (1 piece) (10 pieces)	1,4 mm	2,5 mm	10,5 mm
T005 13 251 99 T005 13 251 10	<b>XDS 2</b>	Nozzle (1 piece) (10 pieces)	3,0 mm	5,3 mm	10,5 mm
T005 13 252 99 T005 13 252 10	<b>XDS 3</b>	Nozzle (1 piece) (10 pieces)	1,0 mm	2,3 mm	10,5 mm
T005 13 253 99 T005 13 253 10	<b>XDS 4</b>	Nozzle (1 piece) (10 pieces)	1,2 mm	2,5 mm	10,5 mm
T005 13 254 99 T005 13 254 10	<b>XDS 5</b>	Nozzle (1 piece) (10 pieces)	1,8 mm	3,3 mm	10,5 mm
T005 13 255 99 T005 13 255 10	<b>XDS 6</b>	Nozzle (1 piece) (10 pieces)	0,7 mm	1,9 mm	16,5 mm
T005 13 256 99 T005 13 256 10	<b>XDS 7</b>	Nozzle (1 piece) (10 pieces)	1,2 mm	2,7 mm	16,5 mm
T005 13 257 99 T005 13 257 10	<b>XDS 8</b>	Nozzle (1 piece) (10 pieces)	1,5 mm	2,9 mm	10,5 mm
T005 13 258 99	<b>XDS 9</b>	Measuring tip (1 piece)			
T005 13 259 99 T005 13 259 10	<b>XDSL 1</b>	Nozzle (1 Stück) (10 Stück)	1,4 mm	2,5 mm	10,5 mm
T005 13 260 99 T005 13 260 10	<b>XDSL 2</b>	Nozzle (1 piece) (10 piece)	3,0 mm	5,3 mm	10,5 mm
T005 13 261 99 T005 13 261 10	<b>XDSL 3</b>	Nozzle (1 Stück) (10 Stück)	1,0 mm	2,3 mm	10,5 mm
T005 13 262 99 T005 13 262 10	<b>XDSL 4</b>	Nozzle (1 piece) (10 Stück)	1,2 mm	2,5 mm	10,5 mm
T005 13 263 99 T005 13 263 10	<b>XDSL 5</b>	Nozzle (1 piece) (10 Stück)	1,8 mm	3,3 mm	10,5 mm
T005 13 264 99 T005 13 264 10	<b>XDSL 6</b>	Nozzle (1 piece) (10 piece)	0,7 mm	1,9 mm	16,5 mm
T005 13 265 99 T005 13 265 10	<b>XDSL 7</b>	Nozzle (1 Stück) (10 piece)	1,2 mm	2,7 mm	16,5 mm
T005 13 266 99 T005 13 266 10	<b>XDSL 8</b>	Nozzle (1 piece) (10 piece)	1,5mm	2,9 mm	10,5 mm

## Maintenance tool for XDS Nozzles

- T005XXXXX99 = 1 Piece
- T005XXXXX10 = 10 Pieces

Order-no.	Description
T005 87 657 73	<b>Cleaning Set complete</b>
T005 87 657 72	Cone Cleaner

