


## WSD 151 Set

- Power unit, 1 channel with soldering iron WSP 150
- Further parameter with an external calibration unit. WCB 2 possible. See page 84

 **LHT Soldering tip series**  
page 183



Order-no.	Model	Description
<b>T005 32 766 99</b>	<b>WSD 151 Set</b>	<b>Soldering station, 1 channel, 150 W / 230 V</b>

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

## WSD 151 Power Unit


- Power unit 150 W, 1 channel
- Further parameter with an external calibration unit. WCB 2 possible. See page 84



Order-no.	Model	Description
<b>T005 32 786 99</b>	<b>WSD 151</b>	<b>Power unit 150 W, 240 V</b>

## WSD 81 Set

- Power unit 80 W, 1 channel with soldering iron WSP 80
- Further parameter with an external calibration unit. WCB 2 possible. See page 84

 **LT Soldering tip series**  
page 177-180



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

Scope of supply:

1	T005 32 626 99	PUD 81	Power unit, 150 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 0,8 mm
4	T005 15 140 99	WPH 80	Safety rest with cleaning sponge



## WTCP 51 Set

- Power unit, 1 channel with soldering iron TCPS



LT Soldering tip series  
page 177-180

Order-no.	Model	Description
<b>T005 32 206 99</b>	<b>WTCP 51 Set</b>	<b>Soldering station, 1 channel, 50 W / 230 V</b>
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 44 415 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
<b>T005 32 224 99</b>	<b>P 51</b>	<b>Power unit switchable, 50 W, 120 V / 240 V with US plug</b>

# Rework – Soldering, Desoldering and Hot Air

## WR 3000M Set

- Power unit, 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



Order-no.	Model	Description
<b>T005 33 686 99</b>	<b>WR 3000M Set</b>	<b>Rework station, 3 channels WR 3M</b>

Scope of supply:

1	T005 33 666 99	WR 3M	Power unit, 360 W
2	T005 29 180 99	WP 80	Soldering iron, 80 W with Silver-Line Technology
3	T005 44 405 99	LT B	Standard tip LT B, Chisel 2,4 x 0,8 mm
4	T005 15 161 99	WDH 10T	Safety rest with Stop & Go function and dry cleaner
5	T005 13 190 99	DSX 80	Desoldering iron, 80 W
6	T005 13 150 00	DX 113HM	Nozzle
7	T005 15 152 99	WDH 30	Safety rest for DSX 80 with dry cleaner
8	T005 27 116 99	HAP 200	Hot air iron, 200 W
9	T005 15 152 99	WDH 30	Safety rest for hot air iron HAP 200 with dry cleaner
10	T005 29 184 99	WVP	Vacuum pick-up Software

- LT Soldering tip series page 177-180
- Hot air nozzles page 198-204
- DX Nozzle page 194

## WR 3000M Set for vertical applications

- Power unit, 3 channels with soldering iron WP 80, desoldering iron DXV 80 and hot air iron HAP 200.
- Desoldering iron DXV 80 for vertical applications



Order-no.	Model	Description
<b>T005 33 683 99</b>	<b>WR 3000M Set</b>	<b>Rework station, 3 channels WR 3M</b>

Scope of supply:


1	T005 33 666 99	WR 3M	Power unit, 360 W
2	T005 29 180 99	WP 80	Soldering iron, 80 W with Silver-Line Technology
3	T005 44 405 99	LT B	Standard tip, Chisel 2,4 x 0,8 mm
4	T005 15 161 99	WDH 10T	Safety rest with Stop & Go functions for WP 80
5	T005 13 180 99	DXV 80	Inline desoldering iron, 80 W
6	T005 15 153 99	WDH 40	Safety rest for desoldering iron DXV 80
7	T005 27 116 99	HAP 200	Hot Air Iron, 200 W
8	T005 15 152 99	WDH 30	Safety rest for hot air irons HAP 200
9	T005 29 184 99	WVP	Vacuum pick-up
10	T005 13 150 00	DX 113HM	Desoldering tip Software


- LT Soldering tip series page 177-180
- Hot air nozzles page 198-204
- DX Nozzle page 194

## WR 2002 Set

- Power unit, 2 channels with soldering iron WP 80, desoldering iron DSX 80
- Small repair set for all rework applications
- Simultaneous operation of hot air and desoldering iron is not possible.



 **DX Nozzles**  
page 194  
**LT Soldering**  
tip series  
page 177-180

Order-no.	Model	Description
<b>T005 33 806 99</b>	<b>WR 2002 Set</b>	<b>Rework station, 2 channels WR 2</b>
Scope of supply:		
1	T005 33 776 99 WR 2	Power unit
2	T005 29 180 99 WP 80	Soldering iron 80 W 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
5	T005 13 150 00 DX 113 HM	Nozzle inner-Ø 1,2 mm
6	T005 13 190 99 DSX 80	Desoldering iron 80 W / 24 V
7	T005 15 152 99 WDH 30	Safety rest with dry cleaner
		Power cable
		Equipotential bonding connector

## WR 2000D

- Power unit, 2 channels with desoldering iron DSX 80 and safety rest WDH 30.
- Repair kit for soldering and desoldering



**DX Soldering tip series page 194**



Order-no.	Model	Description
<b>T005 33 796 99</b>	<b>WR 2000D</b>	<b>Desoldering station, 2 channels, 250 W</b>

Scope of supply:

1	T005 33 776 99	WR 2	Power unit
2	T005 13 190 99	DSX 80	Desoldering iron 80 W / 24 V
3	T005 13 150 00	DX 113 HM	Nozzle inner-Ø 1,2 mm
4	T005 15 152 99	WDH 30	Safety rest with dry cleaner
			Power cable
			Equipotential bonding (normal state hard grounded)

## WR 2000ER

- Power unit, 2 channels with desoldering iron DSX 80, soldering iron WP 65 and safety rests WDH 10 & WDH 30.
- Repair kit for soldering and desoldering



**XDS Nozzle Series page 197**

**XNT Soldering tip series page 168/169**



Order-no.	Model	Description
<b>T005 33 808 99</b>	<b>WR 2000ER</b>	<b>Desoldering station 2 channels, 250 W</b>

Scope of supply:

1	T005 33 776 99	WR 2	Power unit
2	T005 13 198 99	DSX 120	Desoldering iron 120 W / 24 V
3	T005 13 250 99	XDS 1	Nozzle
4	T005 29 215 99	WP 65	Soldering iron 65 W, 24 V
5	T005 44 851 99	XNT A	Soldering tip
6	T005 15 121 99	WDH 10	Safety rest with dry cleaner
7	T005 15 152 99	WDH 30	Safety rest with dry cleaner
	T005 87 658 01	PDN	Desoldering pliers
			Power cable
			Equipotential bonding (normal state hard grounded)

## WR 2000A Set

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



Hot air nozzles  
page 198–204



Order-no.	Model	Description
<b>T005 33 786 99</b>	<b>WR 2000A</b>	<b>Hot air station, 2 channels 300 W / 230 V</b>

Scope of supply:

1	T005 33 776 99	WR 2	Power unit 300 W
2	T005 27 115 99	HAP 1	Hot air iron 100 W / 24 V
	T005 87 278 22	R 06	Hot air nozzle R 06 round $\varnothing$ 3,0 mm
3	T005 15 152 99	WDH 30	Safety rest with dry cleaner
	T005 87 278 21	R 04	Hot air nozzle R 04 round $\varnothing$ 1,2 mm
			Power cable
			Equipotential bonding (normal state hard grounded)

## Vacuum-Pen

For easy pick and place of delicate SMD components. The vacuum pen avoids stress and damage to the leads. The versatile compact sized pen is independent from compressed air or batteries.



## WLSK 200 Vacuum-Pen

Order-no.	Model	Description
<b>WLSK200</b>	<b>WLSK 200</b>	<b>Vacuum-Pen including Tip 3,2 mm x 9,5mm</b>
Accessories:		
WLSK200T18	WLSKT 18	Replacement with tip, rubber 3,2 mm
WLSK200T38	WLSKT 38	Replacement with tip, rubber 9,5 mm
KDS260S	KDS 260S	Replacement rubber Ø 3,2 mm
KDS260M	KDS 260S	Replacement rubber Ø 6,3mm
KDS260L	KDS 260L	Replacement rubber Ø 9,5 mm

## SD 1000 Solder Dispenser

- For use of coils up to 1000 g
- Length 95 mm, core Ø > 17 mm
- Length 70 mm, core Ø > 12 mm
- Length 84 mm, core Ø < 12 mm



Order-no.	Model	Description
<b>T005 13 017 99</b>	<b>SD 1000</b>	<b>Solder Dispenser</b>

## ABW 2 Extension for additional reel

- For use of coils up to 1000 g
- Length 95 mm, core Ø > 17 mm
- Length 70 mm, core Ø > 12 mm
- Length 84 mm core Ø < 12 mm



Order-no.	Model	Description
<b>T005 13 013 99</b>	<b>ABW 2</b>	<b>Extension for additional reel, to be fixed on SD 1000</b>

## WPB 1 Polishing Bar

- Cleaning only possible in cold state of the soldering tip.
- Further informations for cleaning you can find on page 160/161



Order-no.	Model	Description
WPB1	WPB 1	Polishing Bar for removal of compacted oxidised films on soldering tips.

## WSW Lead free soldering wire for longer tip lifetime

- Soldering wire with integrated flux core
- Superior wetting properties
- Cost reduction due to reduction in tip change frequency
- Not flux soaked - no process pollution
- Reduction of service costs for removing of oxidised layers
- No-clean flux
- Flux content 3,5 %
- Further informations for cleaning you can find on page 160–161.



Available September 2013

Type	WSW SAC M1	WSW SAC L0	WSW SC L0	WSW SC M1
<b>Alloy</b>	Sn3.0Ag0.5Cu	Sn3.0Ag0.5Cu	Sn0.7Cu	Sn0.7Cu
<b>Temperature</b>	217-221°C	217-221°C	227°C	227°C
<b>Flux J-STD 004</b>	M1	L0	L0	M1
<b>Flux content</b>	3.5%	3.5%	3.5%	3.5%
<b>Weight</b>	500 gr	500 gr	500 gr	500 gr
<b>Diameter</b>	Art.-Nr.	Art.-Nr.	Art.-Nr.	Art.-Nr.
0,3 mm	T005 13 865 99	T005 13 872 99	-	-
0,5 mm	T005 13 864 99	T005 13 870 99	T005 13 880 99	T005 13 876 99
0,8 mm	T005 13 863 99	T005 13 869 99	T005 13 879 99	T005 13 875 99
1,0 mm	T005 13 862 99	T005 13 868 99	T005 13 878 99	T005 13 874 99
1,2 mm	T005 13 861 99	T005 13 867 99	T005 13 877 99	T005 13 873 99
1,6 mm	T005 13 860 99	T005 13 866 99	-	-
<b>Gewicht</b>	250 gr	250 gr	250 gr	250 gr
<b>Diameter</b>	Art.-Nr.	Art.-Nr.	Art.-Nr.	Art.-Nr.
0,8 mm	T005 13 885 99	T005 13 887 99	-	-
1,0 mm	T005 13 886 99	T005 13 888 99	-	-
<b>Weight</b>	100 gr	100 gr	100 gr	100 gr
<b>Diameter</b>	Art.-Nr.	Art.-Nr.	Art.-Nr.	Art.-Nr.
0,3 mm	T005 13 881 99	T005 13 883 99	-	-
0,5 mm	T005 13 882 99	T005 13 884 99	-	-

## Tip-Activator

- Cleaning only possible in hot state of the soldering tip.
- Further informations for cleaning you can find on page 160–161.



Order-no.	Model	Description
T005 13 031 99	Tip-Activator	For regeneration of oxidized tips



# 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

# Active-Tip Heating Technology



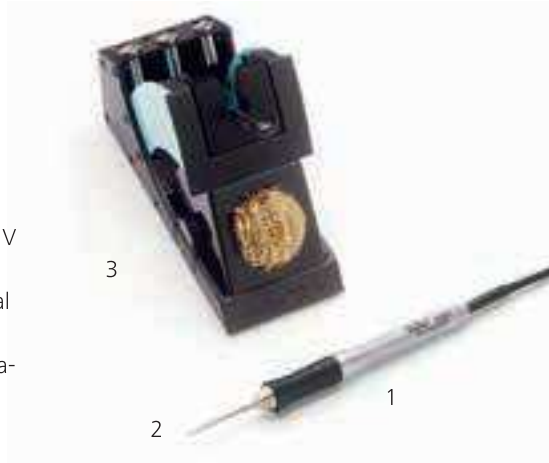
- Quick tip exchange without any tools
- Extremely short heating time 100°C/sec
- Energy saving by standby function
- Optimal reaction time

## Optimum for soldering applications

Optimal tool where heating element and sensor are integrated in the soldering tip. By lowering the soldering joint temperature a faster reaction time is possible. With this tool the performance is exactly at the solder joint.

## WXMP Set

- 40 W (55 W with RT 11), 12 V
- For WX stations
- Fine slim soldering iron. Ideal for microscope work.
- High performance by integrated active soldering tip.



**RT Soldering tip series**  
page 164/165

Order-no.	Model	Description
<b>T005 29 204 99</b>	<b>WXMP Set</b>	<b>Micro soldering iron WXMP with safety rest</b>

### Scope of supply

1	T005 29 203 99	WXMP	Micro soldering iron WXMP 40 W, 12 V with Active-Tip Heating Technology
2	T005 44 603 99	RT 3	Standard soldering tip, chisel 1,3 x 0,4 mm
3	T005 15 171 99	WDH 51	Safety rest with dry cleaner



## WMRP Set

- 40 W (55 W with RT 11), 12 V
- Fine slim soldering iron. Ideal for microscope work.
- High performance by integrated active soldering tip.



**RT Soldering tip series**  
page 164/165

Order-no.	Model	Description
<b>T005 29 190 99</b>	<b>WMRP Set</b>	<b>Micro soldering iron WMRP with safety rest</b>

### Scope of supply

1	T005 29 171 99	WMRP	Micro soldering iron WMRP 40 W, 12 V mit with Active-Tip Heating Technology
2	T005 44 603 99	RT 3	Standard soldering tip, chisel 1,3 x 0,4 mm
3	T005 15 156 99	WDH 50	Safety rest with dry cleaner



### Accessory

4	T005 87 518 16		Bracket can be plugged sideways into the rest and hold 2 RT tips
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# Power-Heating Technology



- Beneficial soldering tip prices
- Max. heating transfer
- Soldering tip in optimized sensor position
- Fast reaction time

## Power-Response Heating Technology

Due to an optimized sensor position a high performance is given. With a wide range of beneficial soldering tips these tools are an alternative to the micro soldering irons.

## WXP 65 Set

- 65 W, 24 V
- Small fast soldering iron with 65 W for for WX stations. Qualified for fine solder jobs with high heating demand.



XNT Soldering tip series  
page 168/169



Order-no.	Model	Description
T005 29 212 99	WXP 65 Set	Soldering iron WXP 65 with safety rest

### Scope of supply

1	T005 29 211 99	WXP 65	Soldering iron 65 W, 24 V with Power-Response Heating Technology
2	T005 44 851 99	XNT A	Standard soldering tip, Chisel, 1,6 x 0,4 mm
3	T005 15 121 99	WDH 10	Safety rest with dry cleaner

### Optional:

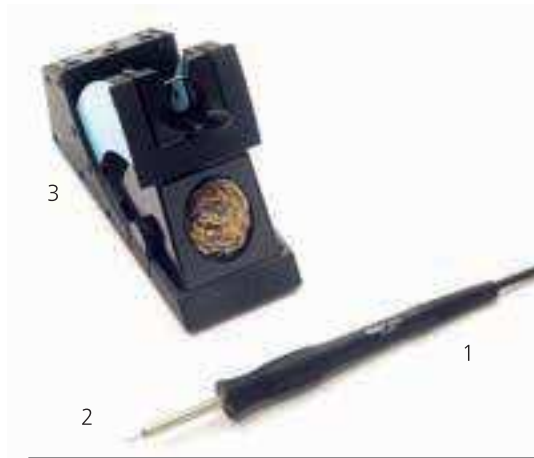
T005 29 211 70	WXP 65 Set	WXP 65 Set with cable 2,5 m
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## WP 65 Set

- 65 W, 24 V
- Small fast soldering iron with 65 W. Qualified for fine solder jobs with high heating demand.



XNT Soldering tip series  
page 168/169



Order-no.	Model	Description
T005 29 216 99	WP 65 Set	Set Soldering iron WP 65 with safety rest

### Scope of supply

1	T005 29 215 99	WP 65	Soldering iron 65 W, 24 V with Power-Response Heating Technology
2	T005 44 851 99	XNT A	Standard soldering tip, Chisel, 1,6 x 0,4 mm
3	T005 15 121 99	WDH 10	Safety rest with dry cleaner

### Accessory for both sets:

T005 87 657 58	Barrel
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[www.labem.pl](http://www.labem.pl)

# Magnastat Soldering Iron

The Magnastat system operates through a ferro-magnetic sensor 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.

## Magnastat Controlled Low Voltage Soldering Iron

### TCPS

- 50 W, 24 V
- 3 wire silicone cord and plug for Weller WTCP 51 Magnastat soldering station.
- Hard grounded



LT Soldering tip  
series page 177-180

Order-no.

T00 532 105 99

Model

TCPS

Description

Magnastat Soldering iron 50 W, 24 V  
with adapter PT 7 (370°C) and soldering tip LT M

### TCP 24

- 50 W, 24 V
- 2 wire silicone cord without plug
- No grounding possible



LT Soldering tip  
series page 177-180

Order-no.

T005 10 001 99

Model

TCP 24

Description

Magnastat Soldering iron 50 W, 24 V,  
with adapter PT 7 (370°C) and soldering tip LT M

### TCP 42

- 45 W, 24 V
- 2 wire cord (4 m) without plug



LT Soldering tip  
series page 177-180

Order-no.

T005 10 055 71

Model

TCP 42

Description

Magnastat Soldering iron 45 W, 24 V,  
with adapter PT 7 (370°C) and soldering tip LT M

### TCP 12

- 3 m cord with battery clamps e.g. for car battery



LT Soldering tip  
series page 177-180

Order-no.

T005 10 053 99

Model

TCP 12

Description

Magnastat Soldering iron 30/40 W, 12/14 V,  
with adapter PT 7 (370°C) and soldering tip LT M

## HT Soldering Tip Series

### Soldering Tips for Soldering irons LR 82 and FE 80



Order-no.	Model	Description	Width A	Thickness B	
T005 44 260 99	<b>HT 1</b>	Chisel tip	3,2 mm	1,0 mm	
T005 44 261 99	<b>HT 2</b>	Chisel tip	5,2 mm	1,2 mm	
T005 44 262 99	<b>HT 3</b>	Chisel tip	7,0 mm	1,2 mm	
T005 44 267 99	<b>HT C</b>	Chisel tip long	3,2 mm	1,0 mm	
T005 44 268 99	<b>HT D</b>	Chisel tip long	4,6 mm	1,0 mm	
T005 44 269 99	<b>HT E</b>	Chisel tip long	5,6 mm	1,0 mm	
T005 44 264 99	<b>HT BS</b>	Round tip	Ø 2,4 mm		
T005 44 265 99	<b>HT CS</b>	Round tip	Ø 3,2 mm		
T005 44 266 99	<b>HT DS</b>	Round tip	Ø 5,0 mm		
T005 44 270 99		HT Screw in tip with outside thread M8nde			
T005 44 263 99		HT Measuring tip for thermoelement Ø 0,5 mm			
T005 26 202 99		Barrel			

## WTA Soldering Tip Series

### Tweezer Tips for WTA 50



Order-no.	Model	Description	Width A	Thickness B	
T005 44 145 99	<b>WTA 1S</b>	Tip set bent 45°	0,5 mm	0,5 mm	
T005 44 141 99	<b>WTA 1</b>	Tip set bent 45°	1,0 mm	0,5 mm	
T005 44 146 99	<b>WTA 2</b>	Tip set bent 45°	3,0 mm	0,5 mm	
T005 44 147 99	<b>WTA 3</b>	Tip set bent 45°	6,0 mm	0,5 mm	
T005 44 143 99	<b>WTA 4</b>	Tip set bent 45°	12,5 mm	0,5 mm	
T005 44 144 99	<b>WTA 5</b>	Tip set bent 45°	18,5 mm	0,5 mm	
T005 44 152 99	<b>WTA 11</b>	Tip set for vertical use	1,0 mm	0,5 mm	
T005 44 153 99	<b>WTA 12</b>	Tip set for vertical use	3,0 mm	0,5 mm	
T005 44 149 99		WT Measuring tip for thermoelement Ø 0,5 mm			









# Desoldering Nozzles

## DX Desoldering Nozzle series



- The DX series tools feature a novel threadless desoldering nozzle fixture system whereby the nozzle is inserted into the head and locked into place by applying a 1/4 turn. This patented feature allows the desoldering nozzles to be quickly and easily exchanged and also improves the rate of thermal transfer from the desoldering head to the desoldering nozzle providing the tools with a faster heat up time and recovery rate. Additionally, because there are no threads in the head to block, maintenance and costs are reduced.

### Desoldering nozzles with threadless fixture system for DSX 80 and DXV 80

Order-no.	Model	Description	Outer Ø	Inner Ø	Nozzle Length	
T005 13 140 00 T005 13 140 10	<b>DX 110</b>	Nozzle (1 piece) (10 pieces)	1,9 mm	0,7 mm	25 mm	
T005 13 141 00 T005 13 141 10	<b>DX 111</b>	Nozzle (1 piece) (10 pieces)	2,5 mm	0,7 mm	25 mm	
T005 13 142 00 T005 13 142 10	<b>DX 112</b>	Nozzle (1 piece) (10 pieces)	2,3 mm	1,0 mm	25 mm	
T005 13 143 00 T005 13 143 10	<b>DX 113</b>	Nozzle (1 piece) (10 pieces)	2,5 mm	1,2 mm	25 mm	
T005 13 150 00 T005 13 150 10	<b>DX 113HM</b>	Nozzle (1 piece) with improved thermal transfer (10 pieces)	2,5 mm	1,2 mm	25 mm	
T005 13 144 00 T005 13 144 10	<b>DX 114</b>	Nozzle (1 piece) (10 pieces)	3,3 mm	1,8 mm	25 mm	
T005 13 145 00 T005 13 145 10	<b>DX 115</b>	Nozzle (1 piece) (10 pieces)	1,9 mm	0,7 mm	29 mm	
T005 13 146 00 T005 13 146 10	<b>DX 116</b>	Nozzle (1 piece) (10 pieces)	2,7 mm	1,2 mm	29 mm	
T005 13 147 00 T005 13 147 10	<b>DX 117</b>	Nozzle (1 piece) (10 pieces)	2,9 mm	1,5 mm	25 mm	
T005 13 148 00 T005 13 148 10	<b>DX 118</b>	Nozzle (1 piece) (10 pieces)	1,5 mm	0,7 mm	23 mm	
T005 13 151 00 T005 13 151 10	<b>DX 119</b>	Needle triplet (1 piece) with unwetable stainless steel tube for removal of solder bridges in connection with hot air pencil (10 pieces)	1,1 mm	0,7 mm	33 mm	
T005 13 152 00 T005 13 152 10	<b>DX 120</b>	Nozzle (1 piece) without inside tube for cleaning SMD pads. (10 pieces)	2,5 mm	1,1 mm	22 mm	
T005 13 153 99		Measuring nozzle	3,3 mm	0,55 mm	21,5 mm	
T005 87 067 94		Conus insert cleaning tool				
T005 13 790 99		Nozzle -Set DX 110 - DX 115				

## WAH12 Angle head

- Especially for tight work spaces



Order-No.	Model	Description
T005 87 677 01	<b>WAH12</b>	90° Angle head for WBTS12L

## WAH35 Angle head

- Especially for tight work spaces



Order-No.	Model	Description
T005 87 677 02	<b>WAH35</b>	90° Angle head for WBTS35L

## WBAL Balancer

- Working load limit from 0,4 to 1,0 kg



Order-No.	Model	Description
T005 87 677 03	<b>WBAL</b>	Balancer



## WCAB5M Connecting cable

- Flexible connecting cable

Order-No.	Model	Description
T005 87 677 04	<b>WCAB5M</b>	Connecting cable 5 m, 8-pin



## WCAB5MS Connecting cable

- Flexible connecting cable with twist

Order-No.	Model	Description
T005 87 677 05	<b>WCAB5MS</b>	Connecting cable with twist 5 m, 8-pin



## WTT5 Torque tester

- Tester for screwdriver calibration
- 3 units of torque measurements
- Automatic shut down
- 2 Display mode selectable
- Battery powered or power supply

Order-No.	Model	Description
T005 87 677 06	<b>WTT5</b>	Torque tester from 0,2 until 5 Nm