

WHA 900

- 700 W hot air station for easy repair applications and heating processes as e.g. shrinking
- Brushless turbine for ideal hot air flow
- Hot air temperature is electronically controlled



Hot air nozzles
page 198-204



Order-no.	Model	Description
T005 31 716 99	WHA 900	Hot air station 700 W / 230 V

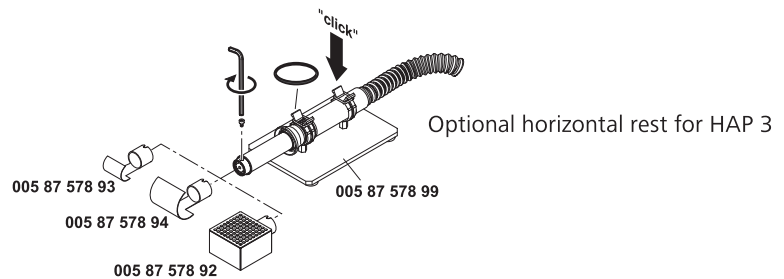
Scope of supply:

T005 15 048 99	Depositing rackNR, ND, NQ
T005 15 157 99	Rest for WHA 900

Optional:

T005 87 578 98	Horizontal rest for HAP 3
----------------	---------------------------

**Attention: Hot air nozzles are not included in the scope of supply (see page 198-204).
Foot switch is not connectable to WHA 300 (T005 87 578 98)**



WHA 900 with Foot switch

Order-no.	Model	Description
T005 31 716 70	WHA 900	as WHA 900 (see above) with foot switch for activating the hot air

Scope of supply:

WHA 900	WHA 900 with connection for foot switch
	Foot switch 1 step

6966 EK Hot air heat gun

- For heat shrinking, drying or to detect faulty components on circuit boards.
- Cooling is possible because the air flow is independent of the heater.
- Temperature range ca. 400°C - 430°C



Order-no.	Model	Description
6966EK	6966EK	Hot air heat gun 210 W / 230 V

Scope of supply:

	Hot air heat gun 210 W
6964 0,2"	Reflector 0,2"
6957 1,5"	Reflector 1,5"
6958	Shrinking nozzle

Accessory:

6965A

www.labem.pl Rest for gun

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
WLSK200	WLSK 200	Vacuum-Pen including Tip 3,2 mm x 9,5mm
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
T005 13 017 99	SD 1000	Solder Dispenser

ABW 2 Extension for additional reel

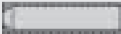
- For use of coils up to 1000 g
- Length 95 mm, core Ø > 17 mm
- Length 70 mm, core Ø > 12 mm
- Length 84 mm core Ø < 12 mm



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

MT-LT Adapter

All TCP, LR 21 soldering irons are delivered with adapter.

Order-no.	Description
T005 44 121 99	MT-LT Adapter for use with LT soldering tip series (see page 87) 
T005 87 207 95	Barrel for MT-LT Adapter

Caution: Not qualified for lead free solder bath or other electronic solder.

Soldering tips for high melting solder for WP 80, WSP 80, MPR 80 and FE 75



Order-no.	Model	Description	Width A	Thickness B	Length L
T005 44 430 99 T005 44 430 10	LT H HPB	Chisel tip, (1 piece) (10 pieces)	0,8 mm	0,4 mm	13,5 mm
T005 44 431 99 T005 44 431 10	LT A HPB	Chisel tip, (1 piece) (10 pieces)	1,6 mm	0,7 mm	13,5 mm
T005 44 432 99 T005 44 432 10	LT B HPB	Chisel tip, (1 piece) (10 pieces)	2,4 mm	0,8 mm	13,5 mm
T005 44 483 99	LT D HPB	Chisel tip, (1 piece)	4,6 mm	0,8 mm	13,5 mm


* for HPB solder = solder with high consumption of lead



- 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

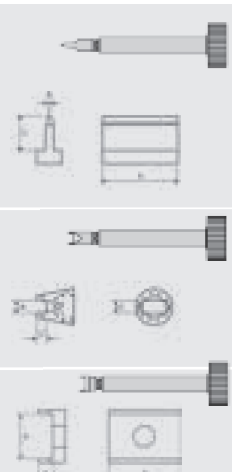
Order-no.	Description
T005 87 447 10	Barrel for WSP 80 spare part
T005 87 448 45	Barrel short (40 mm) for WP 80, spare part, (standard for WP 80)
T005 87 448 46	Barrel long (55 mm) for WP 80, spare part




- 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	SMT01	for PAD-Cleaning	10,4 mm	0,6 mm	7,1 mm
T005 44 429 99	SMT	for PAD-Cleaning	10,5 mm	0,6 mm	7,5 mm
T005 44 502 99	SMT02	for PAD-Cleaning	16,8 mm	0,6 mm	7,1 mm
T005 44 503 99	SMT03	for PAD-Cleaning	20,8 mm	0,6 mm	7,1 mm
T005 44 467 89	SMT	for PAD-Cleaning	35,0 mm	3,0 mm	4,0 mm
T005 44 504 99	SMT04	for Chip	1,8 mm	3,4 mm	1,8 mm
T005 44 505 99	SMT05	for Chip	1,5 mm	2,3 mm	1,8 mm
T005 44 506 99	SMT06	for Chip	2,5 mm	1,7 mm	1,4 mm
T005 44 507 99	SMT07	for Chip	2,3 mm	4,5 mm	1,8 mm
T005 44 508 99	SMT08	for DIP	4,6 mm	5,1 mm	2,3 mm
T005 44 509 99	SMT09	for DIP	10,4 mm	5,1 mm	2,3 mm
T005 44 510 99	SMT10	for DIP	11,5 mm	6,9 mm	2,3 mm



Soldering Tips

ET Soldering Tip Series

Soldering Tips for Soldering irons LR 21



Order-no.	Model	Description	Width A	Thickness B	
4ETS 4ETO	ET S ET O	Longform Conical Longform Conical	Ø 0,4 mm Ø 0,8 mm		
4ETR	ET R	Chisel tip slim	1,6 mm	0,7 mm	
4ETH 4ETA 4ETB 4ETC 4ETD 4ETE	ET H ET A ET B ET C ET D ET E	Chisel tip Chisel tip Chisel tip Chisel tip Chisel tip Chisel tip	0,8 mm 1,6 mm 2,4 mm 3,2 mm 4,6 mm 5,6 mm	0,4 mm 0,7 mm 0,8 mm 0,8 mm 0,8 mm 1,2 mm	
4ETK 4ETL 4ETM	ET K ET L ET M	Chisel tip long Chisel tip long Chisel tip long	1,2 mm 2,0 mm 3,2 mm	0,4 mm 1,0 mm 1,2 mm	
4ETF 4ETBB 4ETCC	ET F ET BB ET CC	Round tip sloped 45° Round tip sloped 45° Round tip sloped 45°	Ø 1,2 mm Ø 2,4 mm Ø 3,2 mm		
4ETP 4ETBS 4ETCS	ET P ET BS ET CS	Round tip blunt Round tip blunt Round tip blunt	Ø 0,8 mm Ø 2,4 mm Ø 3,2 mm		
T005 41 039 99 T005 41 040 99	ET SMD ET SMD	Chip soldering / desoldering tip, component size 2,5 mm x 1,5 mm Chip soldering / desoldering tip, component size 3,8 mm x 1,5 mm			
T005 41 045 99	ET GW	Gullwing tip			
T005 41 703 99		Screw in tip with M5 outside thread			
T005 24 750 99		ET Measuring tip for thermoelement Ø 0,5 mm			
T005 10 311 99		Barrel			

ET-LT Adapter

Soldering tips of the LT series are used with an adapter in the soldering iron LR 21.

Order-no.	Model	Description	
T005 87 207 81		ET-LT Adaptor with barrel for use with LT series tips with LR 21 and FE 50 soldering irons	
T005 87 207 94		Spare barrel for ET-LT Adapter	

■ T005XXXXX99 = 1 Piece
 ■ T005XXXXX10 = 10 Pieces
 ■ T005XXXXX11 = 100 Pieces

CT5 Soldering Tip Series

Soldering Tips for W 61

Order-no.	Model	Description	Width A
4CT5A6	CT5 A6	Chisel tip 310°C	1,6 mm
4CT5A7	CT5 A7	Chisel tip 370°C	1,6 mm
4CT5A8	CT5 A8	Chisel tip 425°C	1,6 mm
4CT5B7	CT5 B7	Chisel tip 370°C	2,4 mm
4CT5B8	CT5 B8	Chisel tip 425°C	2,4 mm
4CT5C6	CT5 C6	Chisel tip 310°C	3,2 mm
4CT5C7	CT5 C7	Chisel tip 370°C	3,2 mm
4CT5C8	CT5 C8	Chisel tip 425°C	3,2 mm
4CT5D7	CT5 D7	Chisel tip 370°C	4,7 mm
4CT5D8	CT5 D8	Chisel tip 425°C	4,7 mm
T005 42 107 99	CT5 AX7	Chisel tip bent 370°C	1,6 mm
T005 42 108 99	CT5 AX8	Chisel tip bent 425°C	1,6 mm
T005 42 117 99	CT5 BX7	Chisel tip bent 370°C	2,4 mm
T005 42 128 99	CT5 CX8	Chisel tip bent 425°C	3,2 mm
T005 42 138 99	CT5 DX8	Chisel tip bent 425°C	5,0 mm



- T005XXXXX99 = 1 Piece
- T005XXXXX10 = 10 Pieces
- T005XXXXX11 = 100 Pieces

CT6 Soldering Tip Series

Soldering Tips for W 101

Order-no.	Model	Description	Width A
4CT6C7	CT6 C7	Chisel tip 370°C	3,2 mm
4CT6C8	CT6 C8	Chisel tip 425°C	3,2 mm
4CT6D7	CT6 D7	Chisel tip 370°C	5,0 mm
4CT6D8	CT6 D8	Chisel tip 425°C	5,0 mm
4CT6E7	CT6 E7	Chisel tip 370°C	7,0 mm
4CT6E8	CT6 E8	Chisel tip 425°C	7,0 mm
T005 42 307 99	CT6 CX7	Chisel tip bent 370°C	3,2 mm
T005 42 318 99	CT6 DX8	Chisel tip bent 425°C	5,0 mm



Welding wedge

Order-no.	Description
T005 11 767 99	Welding wedge Teflon-coated, 50 x 40 x 4 mm (260°C–295°C) for W 101SP with twist lock
T005 11 767 74	Welding wedge PTFE-coated, 50 x 40 x 4 mm for W 201 (260°C – 295°C)

Adapter

For use with LHT tips (page 183) and soldering iron W 101

Order-no.	Model	Description
T005 61 046 67	CT6-7	Adapter for LHT tips, 370°
T005 61 046 68	CT6-8	Adapter for LHT tips, 425°
T005 61 046 69	CT6-9	Adapter for LHT tips, 480°

CT2 Soldering Tip Series





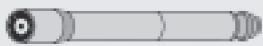

Soldering Tips for W 201

Order-no.	Model	Description	Width A
T005 42 407 99	CT2 E7	Chisel tip 370°C	7,0 mm
T005 42 408 99	CT2 E8	Chisel tip 425°C	7,0 mm
T005 42 417 99	CT2 F7	Chisel tip 370°C	10,0 mm
T005 42 418 99	CT2 F8	Chisel tip 425°C	10,0 mm
T005 42 428 99	CT2 G8	Chisel tip 425°C	11,0 mm
T005 42 507 99	CT2 EX7	Chisel tip bent 370°C	7,0 mm
T005 42 508 99	CT2 EX8	Chisel tip bent 425°C	7,0 mm
T005 42 517 99	CT2 FX7	Chisel tip bent 370°C	10,0 mm
T005 42 518 99	CT2 FX8	Chisel tip bent 425°C	10,0 mm





■ T005XXXXX99 = 1 Piece
■ T005XXXXX10 = 10 Pieces
■ T005XXXXX11 = 100 Pieces

Soldering Tips

Soldering Tips for WP 60


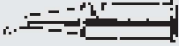




Order-no.	Model	Description	Width A	
T005 16 134 99	60-01-05	Needle tip	Ø 0,5 mm	
T005 16 443 99	60-01-01	Needle tip	Ø 1,0 mm	
T005 16 444 99	60-01-02	Chisel tip	2,4 mm	
T005 16 446 99	60-01-04	Chisel tip	5,0 mm	
T005 16 445 99	60-01-03	Round tip sloped 45°	Ø 2,0 mm	
T005 16 447 99	60-01-52	Hot air nozzle	Ø 4,7 mm	
T005 16 135 99	60-01-06	Knife 45°	5,0 mm	
T005 16 448 99	60-07U	Ejector unit		
T005 16 450 99	60-02	Protective cap for WP 60 (spare part)		

Soldering Tips for Pyropen Jr.

Order-no.	Model	Description	Width A	
T005 16 165 99	71-01-01	Needle tip	Ø 1,0 mm	
T005 16 166 99	71-01-02	Chisel tip	2,0 mm	
T005 16 161 99	71-01-04	Chisel tip	5,0 mm	
T005 16 167 99	71-01-03	Round tip sloped 45°	Ø 2,0 mm	
T005 16 168 99	71-01-50	Hot air nozzle	Ø 1,5 mm	
T005 16 169 99	71-01-52	Hot air nozzle	Ø 4,7 mm	
T005 16 172 99	71-07U	Ejector unit		

■ T005XXXXX99 = 1 Piece
 ■ T005XXXXX10 = 10 Pieces
 ■ T005XXXXX11 = 100 Pieces

Soldering Tips for Pyropen and Pyropen Piezo

Order-no.	Model	Description	Diameter Ø	Width A	
T005 16 120 99	70-01-01	Needle tip	Ø 1,0 mm		
T005 16 124 99	70-01-05	Needle tip extra slim	Ø 0,5 mm		
T005 16 129 99	70-01-10	Needle tip bent 30°	Ø 1,0 mm		
T005 16 121 99	70-01-02	Chisel tip		3,0 mm	
T005 16 132 99	70-01-13	Chisel tip		5,0 mm	
T005 16 130 99	70-01-11	Chisel tip		7,7 mm	
T005 16 122 99	70-01-03	Round tip sloped	Ø 2,0 mm		
T005 16 123 99	70-01-04	Round tip sloped	Ø 3,0 mm		
T005 16 125 99	70-01-06	Round tip sloped, conical	Ø 2,0 mm		
T005 16 127 99	70-01-08	Round tip sloped 35°	Ø 2,0 mm		
T005 16 140 99	70-01-50	Hot air nozzle	Ø 1,7 mm		
T005 16 141 99	70-01-51	Hot air nozzle	Ø 3,3 mm		
T005 16 142 99	70-01-52	Hot air nozzle	Ø 4,9 mm		
T005 16 143 99	70-01-53	Hot air nozzle	Ø 7,0 mm		
T005 16 151 99	70-07TU	Ejector unit, not for Piezo			
T005 16 150 99	70-07SU	Solder ejector, not for Piezo			
T005 16 159 99	70-01-55	Reflector for heat shrinking	Ø 6,0 mm	18,0 mm	
T005 16 158 99	70-01-54	Reflector for heat shrinking	Ø 8,0 mm	22,0 mm	