

More than just blowing hot air

Weller®

Hot Air Technology



More than just hot air...



Small power unit

- Small and compact housing
This station is easy to integrate to the workplace and supports the organization of soldering processes.

Best soldering results

- Electronically controlled hot air station. Best soldering results with inert gas or compressed air for component safe soldering
- Fix solder joints
Easy handling of air volume and temperature parameters
- Automatic tool recognition



- Low running costs by safety rests
- Foot switch for activating the hot air
- Temperature sensor for process control
- Control via PC possible





WR 2

■ max. power supply 250 W



Silver-Line



WP 80
LT Soldering tips



MPR 80
LT Soldering tips



WSP 150
LHT Soldering tips

Power-Response



WMP
NT Soldering tips



WP 65
XNT Soldering tips



WP 120
XT Soldering tips



WP 200
XHT Soldering tips

Standard-Line



LR 21
LT Soldering tips



WTA 50
WTA Nozzles

FE-Soldering iron



FE 75
LT Soldering tips



FE 80
HT Soldering tips

Hot air iron



HAP 1
Hot air nozzles

Desoldering iron



DXV 80
DX Nozzles



DSX 80
DX Nozzles



DSX 120
XDS Nozzles

Preheating plate



WHP 80

Wire stripper



WST 82



WXA



WAD 101

■ max. power supply 100 W



Power-Response

WX
compatible



WXP 65
XNT Soldering tips

WX
compatible



WXP 120
XT Soldering tips

WX
compatible



WXP 200
XHT Soldering tips

WX
compatible



WXHAP 200
XHT Hot air nozzles

Active Tip

WX
compatible



WX
compatible



Preheating plate

WX
compatible



- WHP 1000
- WHP 3000 600 W
- WHP 3000 1200 W
- WXHP 120 120 W

WX Adapter

WX
compatible



WX Adapter
for PC
T005 87 647 11



WX Adapter
for Zero Smog
T005 87 647 12



WX Adapter
for Remote
control
T005 87 627 24



WX
Connection cable
T005 87 647 10

Options for adapter connections
see page 14.

Fume Extraction

WX
compatible



- Zero Smog 4V
- Zero Smog 6V
- Zero Smog 20T

Hot Air



- For every application we offer the optimal tool
- From to 100 to 700 W
- Wide nozzle program



Technical Data



WXA 2



WR 2



WAD 101

Dimension (L x B x H)	170 x 151 x 130 mm	273 x 235 x 102 mm	166 x 134 x 101
Weight	ca. 3,3 kg	ca. 6,7 kg	
Channels	1	2	1
Power supply	230 V	230 V	230 V
Power input	200 W	300 W	150 W
Protection class	I	I	I
Fuse	T 2,0 A	Fuse: overcurrent release 1,6 A 230 V: T 630 mA / 120 V: T 1,0 A	
Temperature range	Adjustable 50 °C - 550 °C (150 °F - 999 °F) Temperature control range depends on tool	Soldering- and desoldering irons continuously °C Version: 50°C – 550°C (150°F – 999°F) Temperature control range depends on tool WP 80 / WP 120 50°C – 450°C (150°F – 850°F) WP 200 50°C – 550°C (150°F – 950°F) WSP 150 50°C – 550°C (150°F – 950°F) DSX 80 / DXV 80 / DSX 120 50°C – 450°C (150°F – 850°F) HAP 1 50°C – 550°C (150°F – 999°F)	Hot air 50°C – 550°C Soldering iron 50°C – 550°C °F Version: Hot air 122°F – 999°F Soldering iron 122°F – 999°F
Temperature accuracy	Hot air ± 30°C (± 54°F) Soldering iron ± 9°C (± 17°F)	± 9°C (± 20°F)	
Temperature accuracy HAP 1		± 30°C (± 50°F)	
Temperature stability		± 2°C (± 5°F)	
Air volume	0 – 20 l/min.		approx. 0 - 10 l/min
Pressure	Pressure input, 400 kPa (58 psi), oilfree, dry compressed air or inert gas N2		
Vacuum			max 15 l/min
Order-no.	T005 34 256 99	T005 33 776 99	T005 32 686 99

WXA 2010 Set

- Power unit, 2 channels with Hot air iron WXHAP 200
- Best set for hot air tasks
- Simultaneous operation of 2 soldering tools
- All WX tools compatible



Order-no.	Model	Description
T005 34 306 99	WXA 2010	Power unit, 2 channels 200 W (255 W) / 230 V

Scope of supply:

1	T005 34 256 99	WXA 2	Power unit, 2 channels 200 W (255 W)
2	T005 27 119 99	WXHAP 200	Hot air iron 200 W
3	T005 87 278 22	R 06	Hot air nozzle R 06 round \varnothing 3,0 mm
4	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)

WXA 2

- Power unit, 2 channels



Order-no.	Model	Description
T005 34 256 99	WXA 2	Power unit, 2 channels 200 W (255 W) / 230 V

Scope of supply:

T005 34 256 99	WXA 2	Power unit, 2 channels 200 W (255 W) / 230 V
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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



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

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)

WAD 101 Set

- Hot air station, 1 channel with HAP 1 soldering iron
- Small hot air set
- For hot air irons or soldering irons upto 100 W



Order-no.	Model	Description
T005 32 666 99	WAD 101	Hot air station, 1 channel 150 W / 230 V

Scope of supply:

1	T005 32 686 99	PU WAD101	Power Unit 150 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 ø 3,0 mm
3	T005 15 027 99	KH 27	Safety rest with cleaning sponge
4	T005 87 278 21	R 04	Hot air nozzle round ø 1,2 mm

Accessories

Order-no.	Description
T005 87 388 50	Adapter for foot switch
T005 13 120 99	Foot switch 1 step

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.



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

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 T005 87 577 70	AKT 30 Safety rest with Stop & Go function 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



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

Scope of supply:

1	WHA 3000P	Power Unit 230 V with integrated turbine
2	HAP 3000	Hot air iron
3	T005 15 043 99 T005 87 577 70	AKT 30 Safety rest with Stop & Go function 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 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



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

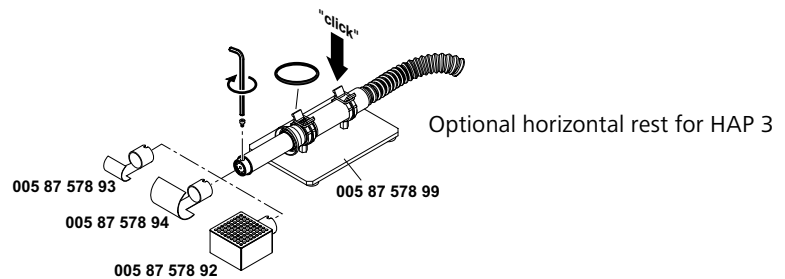
Scope of supply:

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
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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:

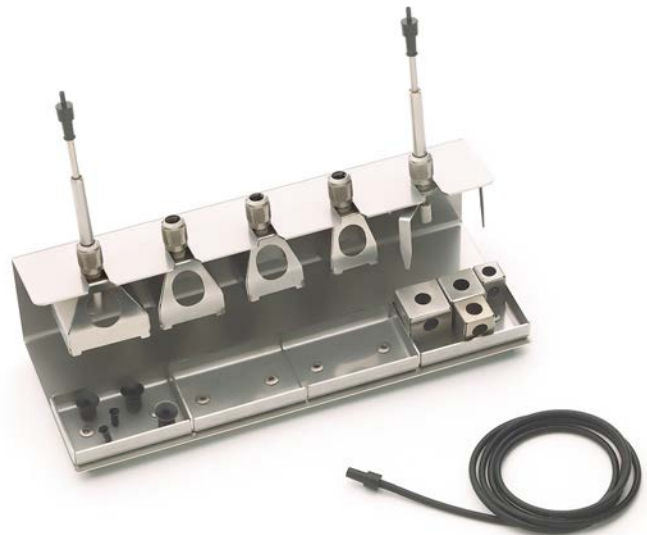
	Hot air heat gun 210 W
6964 0,2"	Reflector 0,2"
6957 1,5"	Reflector 1,5"
6958	Shrinking nozzle

Accessory:

6965A	Rest for gun
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WRK Reflow system

- Reflow system with vacuum pick-up
- For desoldering of SMD components 30 X 30 mm



Order-no.	Model	Description
T005 15 155 99	WRK	Reflow system for SMD components with external hot air works with desoldering station WR 3M

Scope of supply:

Reflow housing:
once each 33 x 33 mm, 27 x 27 mm, 24 x 24 mm, 20 x 20 mm,
15,5 x 15,5 mm, 12,5 x 12,5 mm, 10 x 10 mm
Vacuum Pick-up 4,5 mm
Vacuum Pick-up 10 mm
Tripod Pick-up
Depositing rack for nozzles

Accessories

Order-no.	Description
T005 15 154 99	Depositing rack for nozzles
T005 87 617 32	Reflow housing Set 10 x 10 mm, 12,5 x 12,5 mm, 15,5 x 15,5 mm
T005 87 617 31	Reflow housing Set 20 x 20 mm, 27 x 27 mm
T005 87 617 30	Reflow housing Set 33 x 33 mm, 24 x 24 mm
T005 87 137 99	Rubber insert Ø 4,5 mm, 10 pieces
T005 87 137 98	Rubber insert Ø 10,0 mm, 10 pieces

WRK Sets

Order-no.	Model	Description
T005 87 617 30	WRK Set	Reflow Set 33 x 33 mm / 24 mm x 24 mm

Scope of supply:

Rubber insert, 10,0 CSF, 3 pieces
 Spring, 3 pieces
 Vacuum Pick up Ø 10,0 mm
 Reflow housing 33 x 33 mm
 Reflow housing 24 x 24 mm
 VAC-hose, WRK

Order-no.	Model	Description
T005 87 617 31	WRK Set	Reflow Set 27 x 27 mm / 20 mm x 20 mm

Scope of supply:

Rubber insert, 10,0 CSF, 4 pieces.
 Spring, 4 Stk.
 Vacuum Pick up Ø 10,0 mm
 Reflow housing 27 x 27 mm
 Reflow housing 20 x 20 mm
 VAC-hose, WVP-WRK

Order-no.	Model	Description
T005 87 617 32	WRK Set	Reflow Set 18 x 18 mm / 15,5 mm x 15,5 mm / 12,5 x 12,5 mm / 10 mm x 10 mm

Scope of supply:

Rubber insert, 4,5 CSF/WVP, 3 pieces
 Tripod
 Vacuum Pick up Ø 4,5 mm
 Reflow housing 18 x 18 mm
 Reflow housing 15,5 x 15,5 mm
 Reflow housing 12,5 x 12,5 mm
 Reflow housing 10 x 10 mm
 VAC-hose, WVP-WRK

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