

WRS3000X

THREE FUNCTION REWORK AND REPAIR SYSTEM

THE WELLER ADVANTAGE:

300 watts of total power. Three independently controlled channels. Soldering, desoldering, and hot air. Our basic rework and repair station is anything but basic.



Self-contained pump generates vacuum for desoldering tool and air for hot air tool



WRS3000X Components & Specifications:

WRS3000	Power Unit (Order No. 0053302299)
Voltage	120 V (input); 24 V (output)
Power Consumption	300 W
Temperature Range	150° F – 850° F (50° C – 450° C)
Dimensions	9.5 x 10.6 x 4.1 in. (241 x 269 x 104 mm)
Pump Type	Rotary Vane
Vacuum Pressure	20.7 in. (526 mm) HG
Air Flow Volume	1 l/min. – 10 l/min.
Temperature Accuracy	+/- 16° F (+/- 10° C)
Temperature Stability	+/- 10° F (+/- 6° C)
ESD Safe	Yes

DXV80 Desoldering Pencil	HAP1 Hot Air Pencil
Power Consumption	80 W
Heating Element Type	Nichrome Wound
Cord Length	4 ft. (1.22 m)
Supplied Triplet	DX112
Supplied Stand	AKV80 (Order No. 0051503999)

WSP80 Soldering Pencil (Order No. 0051318099)	
Power Consumption	80 W
Heating Element Type	Silver Spool
Cord Length	4 ft. (1.22 m)
Supplied Triplet	LTB
Supplied Stand	WPH81

HAP1 Hot Air Pencil	
Power Consumption	100 W
Heating Element Type	Nichrome wound; fiberglass and ceramic insulated
Cord Length	4 ft. (1.22 m)
ESD safe	Yes
Supplied Nozzle	0058727821
Supplied Stand	PH60

WRS3000X FEATURES AND BENEFITS:

- Soldering, desoldering, hot air
- Vacuum delay feature allows solder to reach the collection chamber before vacuum is shut off to avoid clogging
- Microprocessor with digital read-out provides complete accuracy and reliability
- Higher power means less time spent on the PCB, reducing risk of component damage
- Temperature set-back can be programmed from 5 to 60 minutes
- Lock-out key maintains process control for set parameters
- Special ionizing circuit assures hot air is static-free to protect sensitive components
- For full range of soldering tips, see page 5. For desoldering triplets see page 29. For hot air nozzles and thermal tweezers tips, see page 30.

WRS3000XT

Start with our basic WRS3000X system, then add the amazingly useful Weller® Thermal Tweezer, and you've got this rework and repair powerhouse.



WRS3000XT Components & Specifications:

In addition to all the components shown for the WRS3000X above, the WRS3000XT includes:

WTA50 Thermal Tweezers (Order No. 0051317199)	
Power Consumption	50 W
ESD safe	Yes
Supplied Stand	AK51 (Order No. 0051504299)

WTA50 Thermal Tweezers save time by allowing you to desolder defective SMT components and lift them from the board in a single action

WTA50SET (Order No. 0053313399)	
WTA50 Thermal Tweezers and AK51 Stand	

Weller®