



900 W Controlled High Power Rework Advanced Set

ORDER NO: T0053177699

WXS 2031 WXHOTAIR ADVANCED SET 230V F/G



The Ultimate Rework Experience.

Modern electronics repair requires powerful, precisely controlled heat for multilayer, high-copper, and sensitive PCBs. Weller's WXHotAir delivers up to 900 W for stable, reliable heat transfer on complex boards. With the WXsmart station and WXair module, the WXS2031 Set forms a modular rework solution for professional manufacturing, repair, and development. Integrated vacuum handling, thermocouple monitoring, and thermal protection ensure safe, repeatable & traceable processes.

- > High-performance, professional hot-air rework kit designed to handle all rework tasks
- > Set includes: WXsmart Station, WXHotAir Modul, WXair module
- > Desoldering and replacing SMD components (SOIC, QFN, QFP, PLCC, BGA packages)
- > SMD Rework & Repair: Precise desoldering and resoldering of common SMD components using consistent heat that minimizes mechanical stress
- > Prototyping & Development: Flexible placement and removal of components during design iterations; gentle rework even after multiple soldering cycles in R&D and laboratory environments
- > Re-soldering & Local Reflow: Activating and reworking solder joints, removing solder bridges, and applying localized heat without affecting surrounding components.
- > The optional Windows software offers live sensor tracking, graphical temperature curves, user management, and project-based data storage. These features ensure maximum transparency, safety, and traceability throughout the entire rework process, while enabling reproducible results and remaining easy to use.
- > Integration into the WXsmart platform for centralized control, traceability, and modular expansion

KEY FEATURES

- > **Professional Hot-Air Rework Kit** - covering all rework tasks
- > **Uniform heating** - without mechanical stress
- > **Stable thermal performance** - ensures profile-compliant rework and consistent temperature behavior
- > **Integration into the WXsmart platform** for centralized control, traceability, and modular expansion
- > **The optional Windows software for WXHotAir** makes rework processes - from profile creation to documentation - more transparent and reliable, featuring live sensor tracking, graphical temperature curves, user management, and project-based data storage for reproducible results and maximum traceability.

TECHNICAL DATA	
Power consumption 1170W (1270W)	Thermocouple connection 2x Type K
Mains supply voltage 230V / 50/60Hz	
Fuse 230V / T4A (WXHotAir); 230V / T3,15A (Wxsmart)	
Safety class Class 1	
Temperature Range 50-600°C	
Air Volume (50°C) 1-50 (l/min)	
Air Volume (300°C) 2-90 (l/min)	
Vacuum Pickup -500 (mbar)	
Vacuum Pickup 375 (mmHg)	
Noise Level 56 dB(A)	
Temperature accuracy +/- 30°C (WXHotAir); +/- 9°C (Wxsmart)	Operating modes Standalone, Software based, with Wxsmart
Temperature stability +/- 2°C	
Heat up time (50°C - 350°C) 15 Sec.	
	RoHS-compliant Yes
	ESD safe Yes
	Complies with CE standard Yes
	Subject to technical alterations and amendments.

SCOPE OF SUPPLY	
WXHotAir Set 230V F/G	
Wxsmart Power Unit 230V F/G	
WXMPS MS Handpiece for RTMS/RTPS MSTIPS	
WSR 208 Safety Rest for WXPP	
RTMS 013 S MS Tip Chisel 1.3x0.4	
RTPS 004 S MS Tip Chisel 0.4x0.2	
WXDP 120 Desoldering Iron	
WSR 207 Safety Rest for WXDP120	
Cleaning Tool WXDP/DSX 120	
WXair Modul 100-230V F/G	
WXHotAir Software	