

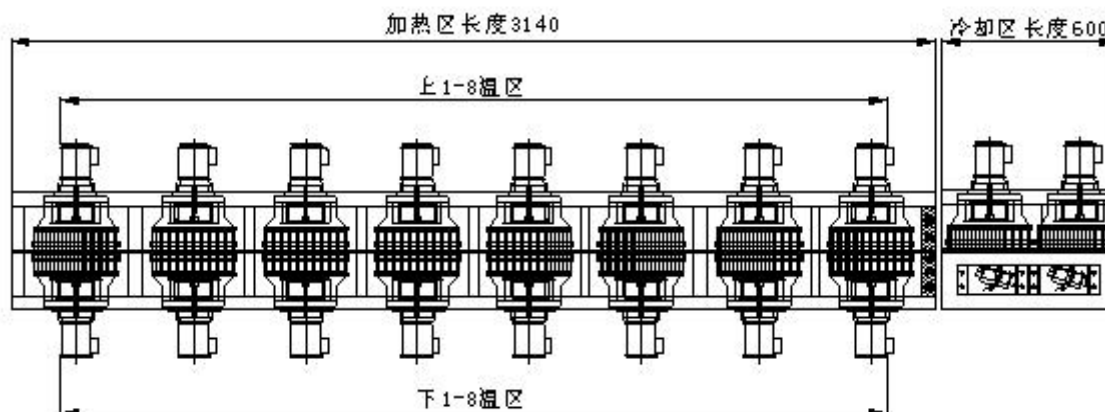
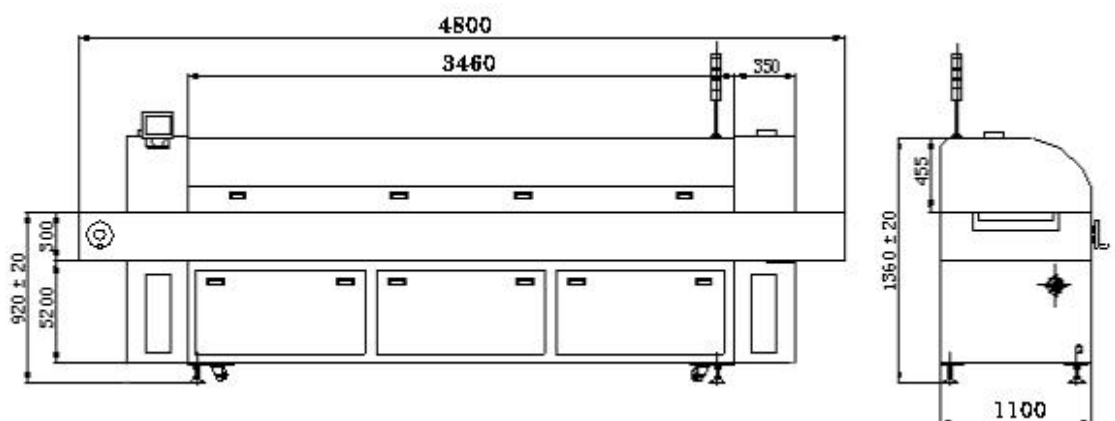
北京华维国创电子科技有限公司

BEIJING HUAWEI GUOCHUANG ELECTRONICS EQUIPMENT CO.,LTD

地址:北京市昌平区北七家镇天权路玉衡街

电话:0086-15931673319

Lead Free Hot Air Reflow Oven 8 Zone



0086-15931673319

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Introduction:

1. Well-known brand computer with Siemens PLC intelligent control system, high precision temperature control in $\pm 1-2\text{ }^{\circ}\text{C}$ (if the computer has gone failure accidentally, it can realize off-line mode and not affecting production) and to ensure that the control system is stable and reliable;
2. Windows XP operating platform with user friendly operation.
3. In order to ensure safety and reliability, hood opening in automatically.
4. Device is equipped with mesh belt, transport smoothly, no shaking and no deformation, which ensure smooth PCB transport. Synchronous guide transmission mechanism and SMEMA connection ensure that guide adjustable wide precision and high service life.
5. Automatic controlled chain lubrication system..
6. PID closed loop control for all heating zones independently, sequential start up to reduce power consumption)
7. Mesh/chain transmission controlled by computer, which can fulfil different kinds of PCB production criteria.
8. Visual & Audio Alarm for abnormal condition.
9. With leakage protector, ensure safety protection for operating personnel and control system.
10. The built-in UPS and automatic delay shutdown system guarantee power failure or overheat won't harm the PCB and machine.
11. The German ERSO world leading tiny circulation heating mode, and the upper and lower independent air tiny circulation system, temperature uniformity and thermal compensation high efficiency, high efficient supercharged accelerated air duct, greatly improve the circulating hot air flow, heat up temperature quickly (about twenty minutes), thermal compensation for high efficiency, high temperature welding and curing;
12. The upper and lower every temperature zone with independent temperature inductive sensor, real-time monitoring and compensation every temperature zone balance;
13. Have password administration of the operating system, to prevent the irrelevant personnel changes to the process parameters, operation records management traceability process parameters modification, improve the management convenient. Capable for saving user existing parameters and profile printout;
14. Integrated control window, the computer switch, test or printout profile and data transmission are convenient, humanized design. Equipped with three-channel temperature profiling system, may at any time to check soldering objects by the actual temperature profile (without 3rd party profiler);
15. From international standard quick cooling system, magnifying glass type efficient rapid cooling, cooling speed can reach $3.5 \sim 6\text{ }^{\circ}\text{C/ SEC}$, management is very convenient; External chiller unit, ensure that spot crystal effect (Option selected items, the standard configuration for forced natural air cooling).

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Specification:

Model	HW- R816	
Heating System	Number of heating zones	top 8/ bottom 8
	Number of cooling zones	2(top 1, bottom 1)
	Heating passage	3140mm
	Heating style	Hot air
	Cooling style	Forced air cooling
	Exhaust Volume	10m³/min * 2 vanes
Conveyor System	Max. Width of PCB	350mm
	Mesh belt width	450mm
	Conveyor Direction	L→R(option: R→L)
	Process Height	25mm
	Conveyor type	Mesh and chain
	Range of rail width	50-350mm
	Conveyor speed	0-1800mm/min
	Auto/manual Lubrication	Standard
	Fixed track	Front track fixed(option: rear track fixed)
Control system	Power supply	3 phase 380V 50/60HZ
	Total power	28KW
	Startup power	40KW
	Steady consumption	8KW
	Ramp up time	20 mins
	Temp. setting range	From room temp. To 250℃
	Temp. control method	PID close loop control & SSR driving
	Temp. control precision	±1℃
	Temp. deviation on PCB	±2℃
	Data storage	Process Data and status storage
	Abnormal Alarm	Abnormal temperature (overtemp/low temperature)
	Board dropped alarm	Tower light: Amber-warming, Green-normal, Red-abnormal
General	Dimension(L*W*H)	4800*1100*1450mm
	Weight	1000kg

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	Color	Computer gray
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