

HT IR Curing Oven



Specification for HT IR Curing Oven

Model	HIR-0601	HIR-0801
General		
Dimension (L)*(W)*(H) (mm)	3600*1400*1635	5300*1400*1635
Weight	Approx.:1750 kg	Approx.:1950 kg
Power Supply	3 Phase 380VAC 50/60Hz	
Power Input	44 KW	56 KW
Starting Power	Approx.: 20 KW	25 KW
Power Consumption	Approx.: 5 KW	Approx.: 6 KW
Number of heating zones	Top: 6 (Option: Bottom 6)	Top: 8 (Option: Bottom 8)
Total Length of heating zones	3100mm	4800mm
Number of cooling zones	Top: 1	
Total Length of cooling zones	300mm	
Exhaust Volume	10m3/min. * 2	10m3/min. * 2
Number of exhaust	2	
Conveyor System		
Components Clearance	Top: 100mm Bottom: 100mm	
Max. width of PCB	457 mm	
Range of conveyors adjustment	50 -457mm	
Conveyor Width Adjusting Method	Motorized	
Conveyor Height	900±20mm (Option: 950±20mm)	
Conveyor Direction	Left to Right (Option: Right to left)	
Fixed Rails Side	Front Rails fixed (Option: Rear rails fixed)	
Conveyor type	Rails +Mesh (Option: Mesh belt only)	
Conveyor Speed Range	300-2000mm/min	
Conveyer speed control accuracy	+/-2%	
Conveyor Chain Lubrication	Automatic	
Max. Loading Capabilities	8KG/Meter	
Controlling System		
Operation Interface	Touch screen Panel	
System Control Method	Touch screen + PLC control	
Temp. Control Method	PID Close loop control + SCR driving	
Maximum Setting Temp.	250°C	250°C
Temp.control accuracy	±1°C	±1°C
Temperature controll uniformity	±5°C	±5°C
Heater and Heating Method	Infrared Tube	
Warming-up Time	Approx.: 25 min.	Approx.: 30 min.
Logging & Data Storage	Standard	
Abnormal Alarm	Abnormal Temperature (Extra-high or extra-low Temp.)	
Board Drop Alarm	Standard	
Lighting Tower	Yellow: Warning; Green: Normal ; Red: Abnormal	
Cooling System		
Cooling Method	Forced Cooling	
Optional lmes		
Center Support System		
Bottom IR Heating Zones	Bottom 6	Bottom 8