HP-IR3C
单层红外固化系列
Single layer infrared curing series

设备功能/Device Functions

※ 运输系统：采用链条输送方式，链条之间宽度可以在50-450mm范围之间调节，满足客户的多种连接方式。链条使用不锈钢加长钢链条，运输速度可调。特制加强型铝合金导轨，可耐高温，配合支撑调整机构，确保安装牢靠，轨道禁止晃动，杜绝掉板现象。

※ 加热系统：采用发热管加热原理，均匀加热提高加热效率，炉膛和内胆均采用11.5铁质板焊接。结实耐用，外围加厚加厚型保温棉来确保较小的热量散失，节省电能且不会使环境温度提升高，增加空调的负荷。

※ 加热控制系统：PID温度控制器+触摸屏控制，实现2个温区温度精确控制，最大程度的降低能耗，控制最高温度150℃。

※ 整线对接：设备有符合SMT行业标准SMEMA接口，可以与其它设备进行信号对接。

※ Transportation system: Adopting chain transportation method, the width between the chains can be adjusted between 50~450mm to meet customers' various connection methods. The chain uses stainless steel extended pin chains, and the transportation speed is adjustable. Specially designed reinforced aluminum alloy guide rail, which can withstand high temperatures, is equipped with a support adjustment mechanism to ensure minimal deformation, and the rail is prohibited from shaking to prevent plate falling.

※ Heating system: Adopting the heating principle of a heating tube, uniform heating improves heating efficiency. The furnace and inner tank are welded with 11.5 iron plates, which are sturdy and durable. Adding thickened insulation cotton to the periphery ensures minimal heat loss, saves electricity, and does not increase the temperature of the environment, increasing the load on the air conditioning.

※ Heating control system: PID temperature controller+touch screen control, achieving precise temperature control of two temperature zones, minimizing energy consumption, and controlling a maximum temperature of 150℃.

※ Whole line docking: The equipment is equipped with SMT industry standard SMEMA interfaces, which can be used for signal docking with other devices.

设备参数/Equipment parameters

型号 MODEL		HP-IR2C	HP-IR3C	HP-IR4C
外型尺寸	External dimensions	L2000mm/3000mm/4000mm*W1080mm*H1300mm		
传输高度	Transmission height	910±20mm		
运输速度	Transportation speed	0~3500mm/min		
传输马达	Transmission motor	步进马达+减速机 Stepper motor+reducer		
输送方式	Conveying method	链条输送 Chain conveyor		
PCB宽度	PCB width	MAX:450mm		
温区数量	Number of temperature zones	共2个温区 2 temperature zones in total	共3个温区 3temperature zones in total	共4个温区 2 temperature zones in total
温度调节范围	Temperature regulation range	室温—150度 Room temperature—150 degrees		
升温时间	Heating time	<10分钟 <10 minutes		
PCB板大小	PCB board size	MAX: L450*W450		
过板高度	Height of passing plate	MAX: ±110mm		
开盖方式	Cover opening method	软件界面控制，电动升降 Software interface control, electric lifting		
控制方式	control mode	PLC+触摸屏控制 PLC+touch screen control		
设备重量	Equipment weight	Approx.400KG		
设备电源	Equipment power supply	AC380V，50Hz，3相5线制 AC380V, 50Hz, 3-phase 5-wire system		
设备总功率	Total power of equipment	6.5KW	9.5KW	12.5KW

HP-IR3DS-6
双层红外固化系列
Single layer infrared curing series

设备功能/Device Functions

※ 运输系统：采用链条输送方式，链条之间宽度可以在50~450mm范围之间调节，满足客户的多种连接方式。链条使用不锈钢加长钢链条，运输速度可调。特制加强型铝合金导轨，可耐高温，配合支撑调整机构，确保安装牢靠，轨道禁止晃动，杜绝掉板现象。

※ 加热系统：采用发热管加热原理，均匀加热提高加热效率，炉膛和内胆均采用11.5铁质板焊接。结实耐用，外围加厚加厚型保温棉来确保较小的热量散失，节省电能且不会使环境温度提升高，增加空调的负荷。

※ 加热控制系统：PID温度控制器+触摸屏控制，实现4个温区温度精确控制，每个温区6条发热管，最大程度的降低能耗，控制最高温度100℃。

※ 整线对接：设备有符合SMT行业标准SMEMA接口，可以与其它设备进行信号对接。

※ Transportation system: Adopting chain transportation method, the width between the chains can be adjusted between 50~450mm to meet customers' various connection methods. The chain uses stainless steel extended pin chains, and the transportation speed is adjustable. Specially designed reinforced aluminum alloy guide rail, which can withstand high temperatures, is equipped with a support adjustment mechanism to ensure minimal deformation, and the rail is prohibited from shaking to prevent plate failing.

※ Heating system: Adopting the heating principle of a heating tube, uniform heating improves heating efficiency. The furnace and inner tank are welded with 11.5 iron plates, which are sturdy and durable. Adding thickened insulation cotton to the periphery ensures minimal heat loss, saves electricity, and does not increase the temperature of the environment, increasing the load on the air conditioning.

※ Heating control system: PID temperature controller+touch screen control, achieving precise temperature control of 4 temperature zones, with 6 heating tubes per temperature zone, minimizing energy consumption and controlling a maximum temperature of 100℃.

※ Whole line docking: The equipment is equipped with SMT industry standard SMEMA interfaces, which can be used for signal docking with other devices.

设备参数/Equipment parameters

型号 MODEL		HP-IR2DS-4	HP-IR3DS-6	HP-IR4DS-8
外型尺寸	External dimensions	L2000mm/3000mm/4000mm*W1080mm*H1300mm		
传输高度	Transmission height	910±20mm		
运输速度	Transportation speed	0~3500mm/min		
传输马达	Transmission motor	步进马达+减速机 Stepper motor+reducer		
输送方式	Conveying method	链条输送 Chain conveyor		
PCB尺寸	PCB width	MAX: L450*W450		
温区数量	Number of temperature zones	共4个温区，上层轨道2个，下层轨道2个 There are 4 temperature zones, with 2 upper tracks and 2 lower tracks	共6个温区，上层轨道3个，下层轨道3个 There are 6 temperature zones, with 3 upper tracks and 3 lower tracks	共8个温区，上层轨道4个，下层轨道4个 There are 8 temperature zones, with 4 upper tracks and 4 lower tracks
温度调节范围	Temperature regulation range	室温—100度 Room temperature—100 degrees		
升温时间	Heating time	<10分钟 <10 minutes		
PCB板大小	PCB board size	MAX:L450mm*W450mm		
过板高度	Height of passing plate	MAX: ±110mm		
开盖方式	Cover opening method	软件界面控制，电动升降 Software interface control, electric lifting		
控制方式	control mode	PLC+触摸屏控制 PLC+touch screen control		
设备重量	Equipment weight	Approx.450KG		
设备电源	Equipment power supply	AC380V，50Hz，3相5线制 AC380V, 50Hz, 3-phase 5-wire system		
设备总功率	Total power of equipment	12.5KW	19KW	26.5KW