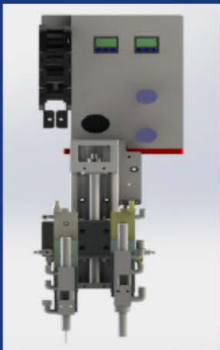


HMH-830

精密三防涂覆系统

Precision three-proof coating system



设备功能说明:

- ◆ X、Y、Z、三轴运动，准确实现各种电路板避开连接器等非涂覆区域的选择性喷涂工艺。
- ◆ 准确实现各种电路板选择性区域喷涂。
- ◆ 可以实现点涂、直线喷涂、曲线喷涂等多轨迹喷涂，能完成高密度复杂电路板喷涂工艺。
- ◆ 可以有效均匀涂覆器件边沿，可以消除喷涂阴影效应。
- ◆ 系统精度为±0.02毫米。
- ◆ 具有高速、高可靠性、高稳定性的传动和控制系统。
- ◆ 标准设备同时携带2个阀，2个阀可以实现喷涂动作自动切换和配合，能实现高密度复杂电路板喷涂及点胶工艺。
- ◆ 设备带智能电动调宽窄功能（输入板宽即能电动调整到位）。
- ◆ 编程方式：手动示教编程，可进行区域喷涂、复制、矩阵等多种编程方式。

Device function description:

- ◆ X, Y, Z, three-axis motion, accurately realize the selective spraying process of various circuit boards to avoid non-coated areas such as connectors.
- ◆ Accurately realize selective spraying of various boards.
- ◆ It can realize multi-track spraying such as spot coating, linear spraying and curve spraying, which can complete the high-density complex circuit board spraying process.
- ◆ It can effectively coat the edge of the device evenly, which can eliminate the shadow effect of spraying.
- ◆ System accuracy is ± 0.02 mm.
- ◆ Transmission and control system with high speed, high reliability and high stability.
- ◆ Standard equipment carries 2 valves at the same time. 2 valves can realize automatic switching and matching of spraying action, which can realize high-density complex circuit board spraying and dispensing process.
- ◆ The device has intelligent automatic width adjustment and narrow function (the input board width can be automatically adjusted in place).
- ◆ Programming mode: The software program has automatic programming of data input; the handle manually inputs any track automatic programming mode.

设备技术参数:

Equipment technical parameters:

型号	HMH-830	
机架外型尺寸L*W*H	Rack size L*W*H	L1060mm*W1200mm*H1700mm
设备平台	Equipment platform	T20毫米钢板磨平镀铬 T20 mm steel plate chrome plated
重量	Weight	650kg
控制方式	control method	工业计算机+运动控制卡 Industrial computer + motion control card
操作方式	Operation method	电脑式控制 Computer control
编程方式	Programming mode	手动示教 Manual teaching
运行程序存储数量	Running program storage quantity	1000个以上 More than 1000
PCB传输高度	PCB transfer height	920±20mm
运输速度	Transportation speed	0-5000mm/min
传送方向	Transfer direction	L→R (R→L)
传输马达	Transmission motor	2台步进马达 2 stepper motors
PCB宽度范围	PCB width range	50-450mm
调节方式	Adjustment method	智能电动调节 Intelligent automatic adjustment
调节驱动方式	Adjust the driving method	步进电机+双精密丝杆驱动 Stepper motor + double precision screw drive
X.Y轴驱动方式	X.Y axis drive mode	日本富士伺服电机+精密丝杆模组驱动 Japan Fuji servo motor + precision screw module drive
X.Y轴最大运行速度	X.Y axis maximum running speed	800mm/s
X.Y轴定位精度	X.Y axis positioning accuracy	±0.02mm
Z轴最大运行速度	Z axis maximum running speed	300mm/s
Z轴驱动方式	Z axis drive mode	日本富士伺服电机+精密丝杆模组驱动 Japan Fuji servo motor + precision screw module drive
Z轴定位精度	Z-axis positioning accuracy	±0.02 mm
胶阀上下	Valve up and down	2个滑台气缸带动 2 double-rod cylinders
胶阀数量	Number of valves	2个
胶阀类型:	Valve type:	1个小雾化喷阀、1个点胶阀 1 small mist flower valve, 1 dispensing valve
PCB板大小	PCB board size	MAX:W450mm*L450mm
PCB板元器件高度	PCB board component height	MAX: ± 100mm
料桶容积	Tank volume	1个10L不锈钢内胆带搅拌功能压力桶+1个2L不锈钢清洗压力桶 A 10L stainless steel inner bucket with stirring function pressure tank + a small cleaning pressure tank stainless steel cleaning pressure tank
清洗功能	Cleaning function	设备自带清洗功能 The device comes with a cleaning function
照明部分	Lighting section	设备自带照明光源 Equipment comes with lighting source
检测部分	Detection part	设备自带UV检测光源 The device comes with a UV detection light source
电源	power supply	AC220V 50HZ
气源	Gas source	4-6kgf/cm²
总功率	Total power	1.8KW