

SOP 在线选择性喷雾机

响应快速 定位精准 涂覆均匀 节省用料

SOP IN-LINE SELECTIVE FLUXING SPRAYER

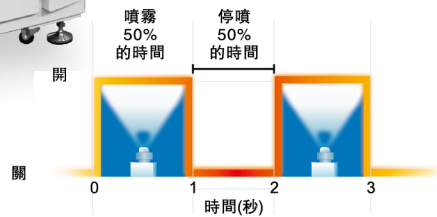
Quick response, precise positioning, uniform coating, and material saving

特点 FEATURES

- 高频的开关速度和先进的时间控制模式, 确保均匀覆盖而无浪费;
- PWM流量控制技术, 系统响应速度快, 精度高, 更稳定;
- 根据喷雾区域的实际情况, 可实现电喷、线喷;
- 喷雾过程类似传统波峰焊, 不需要停板, 保证过板效率;
- 每个点的喷雾量可以单独控制;
- 采用图像编程系统, 仅需简单培训即可操作, 10分钟即可学会;
- 伺服电机驱动喷头摆动, 可靠平稳, 噪声小;
- PLC+ HMI控制系统, 稳定可靠; 采用光线对射感应器, 计数更精准。



PWM
流量控制



- Adopts the high speed-frequency switch and advanced time-control mode to ensure the spraying uniformly and avoid the unnecessary waste"
- PWM flux flow control"
- According to the requirements of spraying on the PCB any area to realize the dot to dot spraying and line spraying "
- The spraying is similar with the traditional wave soldering machine , so don't need to stop the PCB and improves extremely the spraying efficiency.
- For the flow of any dot spraying can be controlled independently.
- Easily image programming system just needs 10 minutes to acquire."
- Equipped with the servo motor driven to make the nozzle moving stable and reliable in a extremely lower noise."
- PLC+HMI control system"
- Adopts the fiber optic correlation sensor to make the count more accurate.

参数规格 PARAMETER SPECIFICATION

SOP 在线选择性喷雾机 SOP In-line selective Fluxing sprayer

Items		Specification	Specification	Comment	Remark
Work Piece		SOP-350			
最小PCB尺寸	Min PCB size		L120mmW60mm		
最大PCB尺寸	Max PCB size		L550mmW450mm	含治具 Includes the fixtures	According to the PCB size
PCB 厚度	PCB thickness		0.5~6mm		
PCB工艺边	PCB process edge		4mm		
PCB上部空间	PCB upper space		≤120mm		
PCB下部空间	PCB down space		≤50mm		
Board Handling					
传输系统	conveyor system		自动 Automatic		
传输速度	conveyor speed		300~2000mm/min	无极调速 stepless speed adjustments	
宽度调节范围	Width adjustmen		50~450mm	电动调宽 Motorized adjustment	(无手动)NON-MANUANLTYPE
连喷喷雾速度(XY平台)	Spraying speed (XY direction)		MAX.100mm/s		
移动定位速度(XY平台)	Moving position speed (XY direction)		MAX.1000mm/s		
定位精度(XY平台)	Position accuracy		±0.25mm		
Fluxer Spray					
工作方式	Working principles	PCB板动, 喷头通过XY平台同时动 PCB moving,while the nozzle is running attheXY direction			
PCB数据导入方式	PCB information Import method		坐标手动输入 Coordinates manually input	可升级图片导入 Upgrades Picture import	
喷头类型	Nozzle type		ST-6(Mouth diameter Φ 1.0mm Φ 1.3mm)		Optional
喷头雾化状态	Nozzle spray pattern	同普通波峰焊 Φ 10~30mm the same with common wave soldering Φ 10~30mm			
助焊剂供给方式	Flux supply		自动 Auto-feeding		
喷雾工作压力	Air supply		0.35Mpa~0.45MPa		
助焊剂流量	Flux flow		10~100 ml/min	手动调节Manual adjustment	
助焊剂过滤	Flux filtration		双重多级过滤 Double multi-phase		环保 Environmental protection
Control System					
电源	Power		220VAC, 50Hz		
总功率	Potal power		1KW		
工作功率	Working power		0.8KW		
电压波动	Voltage fluctuation		±10%		
Frame					
外形尺寸	(L*W*H)Dimension		1515x1770x1600		
工作高度	Conveyor height		750±20		
轨道角度	Conveyor angle		角度4~7°可调 Angel adjustable 4~7°	手动调节 Manual adjustment	
重量	Weight		300Kg		
Safety Compliance					
元件	Electrical components		CE		
电线/电缆/接头	Wire		CE		

注：参数若有更改，恕不另行通知！ The above contents are subject to change without further notice!

US 外置式助焊剂喷雾机

EXTERNAL FLUXING SPRAYER



可选配 超声波助焊剂喷雾系统
The Ultrasonic Flux Spraying System is optional

特点 FEATURES

- 可与全自动波峰焊机在线接驳, 实现全自动化生产;
- 采用PLC+触摸屏控制, 全数字化设定和显示, 操作简易;
- 采用进口名牌步进马达驱动, 传送速度平稳可靠, 确保助焊剂涂覆均匀。
- For grouping with soldering machine to be integrated soldering system.
- Equipped with high quality step motor to assure conveying speed stability & reliably and the uniformity of flux spraying.
- PLC and LCD touch panel operation, digitally setting and displaying for flux value.

参数规格 PARAMETER SPECIFICATION

US 外置式助焊剂喷雾机 US External fluxing sprayer

外形尺寸(LxWxH)	Dimensions	1340x1330x1450(mm)
PCB宽度	PCB Width	50~450mm
PCB运输高度	Conveyor Height	750+20mm
PCB运输方向	Conveyor Direction	L-R(option:R→L)
PCB运输速度	Conveyor Speed	0~2400mm/min
助焊剂槽容量	Capacity of Flux Tank	20L
气源	Air Supply	5~7Kg/cm ²
电源	Power Requirements	3Φ, 380V, 50/60Hz
重量	Weight	300Kg
总功率	Total Power	1KW
正常功率	Normal Power	0.8KW

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2023年7月版