

半自动LED防焊曝光机

Semi Automatic Single side LED Solder Mask Exposure System



新一代高速、高精度

New generation high speed and high precision

[产品概述]

- 科视公司最新推出半自动LED曝光机, 拥有多项发明专利, 采用世界领先的光学技术及严谨的生产工艺, 研制出新一代高精度及高稳定性的半自动LED曝光机, 保证PCB板生产效率及质量, 是追求高品质客户的理想选择。
- The latest KST semi-automatic LED exposure machine possesses several patents of invention, adopts the world leading optical technology with precise manufacturing, and the semi-automatic LED exposure machine features high speed, high precision and high stability, to ensure the production efficiency and quality of PCB as the ideal selection for clients who pursue high quality.

参数	设备型号	KST-SA6457-FH	KST-SA7262-FH
光源类型 Type of Lightng Source		UV-LED 平行冷光源 UV-LED Collimated cold light source	
适用油墨 Applicable ink		主流品牌 绿油、黑油、蓝油等 Mainstream brands Green,Black,Blue ink	
曝光方式 Exposure type		单面曝光 Single side exposure	
绿油桥 Green ink bridge		绿油桥3.0mil / 防焊开窗1.5mil Green ink bridge 3.0mil/ Solder mask opening1.5mil	
能量均匀性 Energy uniformity		≥85% (≥90%可定制Min/Max×100%) (使用KST LED专用能量计) ≥85% (90% customizable Min/Max×100%) (Using KST LED dedicated energy meter)	
台框重复精度 Frame repeat accuracy		± 12.5μm / ± 0.5mil	
曝光控制 Exposure control		光强0-100%可调 Luminous intensity adjustable between 0-100%	
对位系统 Alignment system		4个CCD, CCD可自由移动 (可靶点切换选择) 4 CCDs, freely movable CCDs (target switch optional)	
曝光时间 Exposure time		9-12级能量曝光时间<10S 21级能量尺, 具体时间需要根据使用油墨而定 Exposure time < 10s for step 9-12 energy For Stouffer 21-step sensitivity guide, the exposure time will depend on the ink used.	
生产尺寸 Production size		12"× 12" (min) 21.5"× 24.5" (max)	12"× 12" (min) 24.5"× 28.5" (max)
产能 Production capacity		3.5 面/分钟 3.5 side/minute	
曝光菲林尺寸 Size of exposure artwork film		24"× 26"	26"× 30"
视窗范围 Window size		6.9mm × 5.1mm	
对位方式 Alignment method		双框架运行, 自动移动 Double-frame operation, auto movement.	
洁净房环境需求 Cleanroom environment requirement		温度: 22°C ± 1°C 湿度: 55% ± 5% 万级无尘室 Temperature: 22°C ± 1°C Humidity: 55% ± 5% Dust-free Class 10000	
气压源需求 Pneumatic supply requirement		5.5kg/cm², 流量500L/min 5.5kg/cm², airflow 500L/min	
冰水需求 Chilled water requirement		7-12°C, 流量30L/min, 压力2-3kg/cm² 7-12°C, flow rate30L/min, Pressure 2-3kg/cm²	
电源需求 Power supply		三相五线380VAC/50Hz/30KVA Three-phase five-wire 380VAC/50Hz/30KVA	三相五线380VAC/50Hz/30KVA Three-phase five-wire 380VAC/50Hz/30KVA
设备尺寸 Equipment size		2780(L)×1650 (W)×1980(H) 3015(L)×1730 (W)×1980(H)	不包含粘尘轮托盘所占空间; 不包含冰水机、真空泵箱等附件 Space for dust removal roller tray is not included; accessories like chiller
设备重量 Equipment weight		1850KG	2000KG