

双面曝光半自动LED防焊曝光机

Double Sides Semi-Automatic LED Solder Mask Exposure Machine



新一代高速、高精度

New generation high speed and high precision

「产品概述」

- 科视公司隆重推出双面曝光半自动LED防焊曝光机，科视公司独特的专利技术产品；防焊双面CCD对位、双面同时曝光、双框架切换运行，产能可达2.5-3片/分钟；上下各配置4个高像素CCD、各8轴独立移动高速高精度对位系统，满足线路板的高精度对位；获得多项发明专利，提高了PCB的生产效率及质量，是追求高品质客户的理想选择。
- KST latest double sides semi-automatic LED solder mask exposure machine. KST Owns unique patented technology; Solder mask double sides CCD alignment, Double sides exposure simultaneously, Double drawers switchover running, the capacity can reach to 2.5-3 pieces /minutes; equipped with respectively 4 high pixel CCD in upper and lower, each with eight-axis independent high speed and high precision moving alignment system, content with high precision alignment of PCB; possesses several patents of invention, improves the production efficiency and quality of PCB as the ideal selection for clients who pursue of high quality.

参数	设备型号	KST-SA6457-TFH	KST-SA7262-TFH
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, and blue ink etc.	
曝光方式 Exposure type		双面曝光 Double-sides 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 opening 1.5mil	
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		8个CCD, CCD可自由移动 (可靶点切换选择) 8 freely movable CCDs (target switch optional)	
曝光时间 Exposure time		9-12级能量曝光时间<10S Exposure time < 10s for step 9-12 energy	
生产尺寸 Production size		12"×10" (min) 21.5"×24.5" (max)	12"×10" (min) 24.5"×28.5" (max)
产能 Production capacity		2.5-3片/分钟 2.5-3 pcs/minute	
曝光菲林尺寸 Size of exposure artwork film		24"×26"	26"×30"
视窗范围 Window size		9mm×7mm	
运行方式 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600L/min 5.5kg/cm², airflow 600L/min	
冰水需求 Chilled water requirement		7-12°C, 流量30L/min, 压力2-3kg/cm² 7-12°C, flow rate 30L/min, Pressure 2-3kg/cm²	
电源需求 Power supply		三相五线380V AC/50Hz/40KVA Three-phase five-wire 380V AC/50Hz/40KVA	
设备尺寸 Equipment size		2780mm(L)×1650mm(W)×1980mm(H)	3015mm(L)×1750mm(W)×1980mm(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 and vacuum pump case are not included.	
设备重量 Equipment weight		1850KG	2000KG