

全自动LED内层线路曝光机

Automatic LED Inner Layer exposure machine



新一代高速、高精度

New generation high speed and high precision

「产品概述」

- 科视公司隆重推出全新一代高速、高精度全自动LED内层线路曝光机；产能可达到4.5-5.5片/分钟；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 Grandly introduce the new generation high speed, high precision Automatic LED inner layer circuit exposure machine; the capacity can reach to 4.5-5.5 pieces /minutes; 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-AEM6457-NX	KST-AEM7262-NX
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		干膜/湿膜 干膜厚度≤40μm Dry/ Wet film Dry film thickness≤40μm	
曝光方式 Exposure type		双面同时曝光 Double-sides exposure simultaneously	
线路解析度 Circuit resolution		2.0mil/2.0mil	
能量均匀性 Energy uniformity		≥90% 使用KST LED专用能量计测量 ≥90% Measured by KST LED special 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%可设调 Luminous intensity adjustable between 0-100%	
对位系统 Alignment system		配置4个CCD，每片检查 4 CCDs, Checking every panel	
曝光时间 Exposure time		6-8级能量曝光时间≤5S 21级能量/主流干湿膜 Exposure time < 5s for step 6-8 energy For Stouffer 21-step sensitivity guide, Mainstream brands dry wet film	
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		4.5-5片/分钟 4.5-5 pcs/minute	
曝光菲林尺寸 Size of exposure artwork film		24"×26"	26"×30"
视窗范围 Window size		11mm×9mm	
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500L/min 5.5kg/cm², airflow500L/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/20KVA Three-phase five-wire 380VAC/50Hz/20KVA	
工作高度 Operational height		1050±50mm	
设备尺寸 Equipment size		3305mm(L)×2400mm(W)×1980mm(H)	不包含冰水机、真空泵箱等附件 Accessories like chiller and vacuum pump case are not included.
设备重量 Equipment weight		3000KG	3000KG