

## 手动LED曝光机 (线路专用)

Manual LED exposure machine(Special for Inner/outer layer)



### 新一代高速、高精度

New generation high speed and high precision.

#### 「产品概述」

- 科视公司最新推出新一代LED手动曝光机, 采用多项发明专利技术, 配置高准直度、高能量的非球面透镜光学组合UVLED光源系统。
- The latest KST LED exposure machine possesses of invention is equipped with high collimation, high energy aspheric lens optical combination UV LED light source system.

参数	设备型号	KST-E10070-XL	KST-E12570-XL	KST-E15070-XL
光源类型 Type of Lighting Source		UV LED光源 UV LED Parallel Lighting Source		
曝光方式 Exposure Mode		双面同时曝光 Double Sides exposing simultaneously		
解析度 Resolution		75μm (透镜版、湿膜厚度≤20μm) / 100μm (透镜版、干膜厚度≤40μm), 其他要求需定制 75μm (optical lens version, wet film thickness ≤ 20μm) / 100μm (optical lens version, dry film thickness ≤ 40μm), other requirements shall be customized		
曝光尺寸 Exposure size		1060mm×700mm	1250mm×700mm	1500mm×700mm
曝光时间 Exposure time		≤10S (主流干膜/油墨) ≤10S (main dry film/ink)	≤10S (主流干膜/油墨) ≤10S (main dry film/ink)	≤10S (主流油墨、台面太大不建议使用干膜) ≤10S (main ink, doesn't suggest to use dry film if the table is too big)
光照均匀度 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 special energy meter)		
曝光控制 Exposure control		光强0-100%可调/曝光时间可调 Light Intensity 0-100% adjustable/exposure time adjustable		
平均功率 Average power		<2.5KW	<3.0KW	<3.5KW
LED冷却 LED Cooling Type		自带冰水冷却 Self-contained ice water cooling		
控制系统 Control System		人机界面 + PLC Human-machine interface+ PLC		
光学玻璃 Optical glass		麦拉膜/玻璃 Mylar/ Glass		
真空度 Degree of Vacuum		≤ -90 Kpa		
人机界面 HMI		10"中文/英文触摸式人机界面 10"Chinese/English HMI		
保护功能 Protective Function		1、LED温度超温报警; LED Over Temperature Alarm; 2、断相保护; open-phase protection; 3、短路过载保护; Short circuit and overload protection;		
空压需求 Air Pressure Requirement		无 N/A		
冰水需求 Ice water requirement		无 N/A		
使用环境 Working environment		无尘度Class10000/温度22℃±2℃/湿度55%±5% Dust-free Class10000/Temperature 22℃±2℃/Humidity 55%±5%		
设备尺寸(mm) Overall Dimension(mm)		2700(L)×1630(W)×1750(H)	2700(L)×1820(W)×1750(H)	2700(L)×2070(W)×1750(H)
电源需求 Power supply		三相五线(Thre-phase Five-wire) 380VAC/50Hz/15KVA Different country shall be customized	三相五线(Thre-phase Five-wire) 380VAC/50Hz/17KVA Different country shall be customized	三相五线(Thre-phase Five-wire) 380VAC/50Hz/17KVA Different country shall be customized
设备重量 weight		1000Kg	1100Kg	1200Kg