全自动钢网检查机 SVII-K90

Automatic Stencil Inspection Machine



技术参数
Technical Parameters

产品型号 Product Model	SVII-K90	
检测用途 (Application)	来料检测或清洗后检测 (For the 1st time inspection of new stencil or inspection after cleaning of cleaned stencil)	
测量项目 (Inspection items)	开孔面积、位置、偏移、尺寸、异物、毛刺、堵孔、少孔、张力 (Area,position,offset,size,foreign objects,burr,hole clogging,miss hole,tension)	
每FOV时间 (Inspection time per FOV)	0.8S/FOV	
开孔面积GRR(GRR of aperture area)	Gage R&R<5%	
运控精度(Motion control accuracy)	重复(Repeatability)：±2μm 定位(Location)：±3μm	
检测开孔数 (Max. apertures for inspection)	≤20万 (≤200 thousands)	
镜头 (Lens)	双远心镜头 (Dual telecentric)	
照明 (lighting)	特殊白色LED光源 (Special white LED light)	
相机 (Camera)	标配(Standard):IDS carmera 500万 (5M)	选配(Options)：AVT carmera 1200万 (12M)
相机分辨率 (Carmera resolution)	7.8μm	4.9μm
最大测量开孔尺寸 (Max. size for apertures)	17.9mm×12.9mm	18.1mm×12.7mm
最小测量开孔尺寸 (Min. size for apertures)	100μm	80μm
最小测量开孔间距 (Min. distance between apertures)	200μm	160μm
FOV	19.9mm×14.9mm	20.1mm×14.7mm
网框尺寸 (Stencil size)	(836mm×1050mm) Max (300mm×300mm) Min	
检测范围 (Inspection area)	600×800mm	
Gerber File	RS-274X format (Gerber data teaching)	
SPC	Histogram,Xbar-R Chart,Xbar-s Chart,Cp&Cpk, Daily/Weekly/Monthly Report	
远程维护 (Remote maintenance)	TeamViewer software or anydest	
离线编程 (Offline programming)	离线编程查看 (Offline programming checking)	
计算机 (Computer)	研华工控机 (Advantech Industrial personal computer)	
计算机系统 (Computer system)	Windows 10 专业版64位 (Windows10 Professional Edition 64 bit)	
电源要求 (Power requirement)	220V,50/60HZ,功耗(Power):3000W	
设备尺寸 (Equipment size)	1450mm(L)×1300mm(W)×1660mm(H)不含三色灯 (Does not contain three-color light)	
气源 (Air supply)	0.4Mpa-0.6Mpa	
设备重量 (Equipment weight)	1300KG	
选配项 (Options)	钢网信息管理系统（SIMS） (Stencil information management system)	
	定制开发MES模板 (Customized development of MES template)	
	刮刀平行度检测 (Squeegee parellenlism test)	
	Gerber文件设计与比对 (Gerber files design and contrast)	
	PCB焊盘检测 (PCB pad inspection)	
	厚度检测 (thickness inspection)	