

全自动钢网检查机 SVII-K100s

Automatic Stencil Inspection Machine





技术参数

Technical Parameters

产品型号 Product Model		SV II - K100	
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、多孔、少孔、张力 (Area, position, offset, size, foreign objects, burr, hole clogging, miss hole, tension)		
每FOV时间 (Inspection time per FOV)	0.5S/FOV		
打开job速度 (Open job speed)	8.6万开孔 (ten thousand Opening) 4S		
放大缩小速度 (Zoom in and out speed)	8.6万开孔 (ten thousand Opening) 0.5S/次		
尺寸重复性 (Dimensional repeatability)	1.1个像素 (Pixels)		
开孔面积GRR(GRR of aperture area)	Gage R&R < 5%		
运控精度 (Motion control accuracy)	重复(Repeatability): $\pm 2\mu\text{m}$ 定位(Location): $\pm 3\mu\text{m}$		
检测开孔数 (Max. apertures for inspection)	$\leq 40\text{万}$ ($\leq 400\text{ thousands}$)		
镜头 (Lens)	双远心镜头 (Dual telecentric)		
照明 (lighting)	特殊白色LED光源 (Special white LED light)		
张力计校准方式 (Calibration method of tensiometer)	自动校准 (Automatic calibration)		
相机 (Camera)	标配(Standard): IDS camera 500万 (5M)	选配(Options): AVT camera 1200万 (12M)	
相机像素 (Camera pixel)	7.8 μm	4.9 μm	
设备分辨率 (Device resolution)	2 μm	1.25 μm	
最大测量开孔尺寸 (Max. size for apertures)	17.97mm \times 12.98mm	18.15mm \times 12.74mm	
最小测量开孔尺寸 (Min. size for apertures)	100 μm	80 μm	
最小测量开孔间距 (Min. distance between apertures)	200 μm	160 μm	
FOV	19.97mm \times 14.98mm	20.15mm \times 14.74mm	
网框尺寸 (Stencil size)	(836mm \times 836mm) Max (300mm \times 300mm) Min		
检测范围 (Inspection area)	600 \times 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 / Anydesk or Sunlogin software		
离线编程 (Offline programming)	离线编程查看 (Offline programming checking)		
计算机系统 (Computer system)	研华工控机 (Advantech Industrial personal computer)		
计算机 (Computer)	Windows 10 专业版64位 (Windows 10 Professional Edition 64 bit)		
电源要求 (Power requirement)	220V, 50/60HZ, 功耗(Power): 2500W		
设备尺寸 (Equipment size)	1130mm(L) \times 1215mm(W) \times 1500mm(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)	1160KG		
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 parallelism 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)		

深圳市索恩达电子有限公司
 Shenzhen Sunmenta Electronic Co., Ltd.
 地址: 深圳市宝安区航城街道利锦社区居委会索恩达
 Add: Sunmenta, Lijin community neighborhood committee,
 Hangcheng street, Bao'an District, Shenzhen
 Tel: +86 755 27755959 Fax: +86 755-27788965
 E-mail: info@sunmenta.com
 Oversea Market: sales03@sunmenta.com

华东分公司(East China Branch)
 地址: 江苏省昆山市玉山镇小瀛路189-1
 Add: 189-1, xiaoshuhe Road, Yushan Town, Kunshan City,
 Jiangsu Province
 Tel: +86 512 55185722
 E-mail: info@sunmenta.com

西南分公司(Chongqing China Branch)
 地址: 重庆市江北区鱼嘴镇鱼复孵化园4号楼4楼407
 Add: Room 407, 4th Floor, NO.4, Yufu Business Incubator,
 Yuzui Town, Jiangbei District, Chongqing City, China
 Tel: +86 139 23864584
 E-mail: info@sunmenta.com

