

功能特点

Functional features

S 钢网定位系统

tencil Positioning System

大小钢网通用，具有良好而广泛的适用性。
自动钢网定位系统，节省换线时间，提升整体效率。

It is applicable for stencils of various sizes.
Automatic stencil positioning system saves the line changeover time and enhances the overall efficiency.



I 图像及光路系统

Image And Optical System

采取均匀的环形和高亮度的同轴光，先进的上下视觉匹配系统。全方位的光源补偿，可识别各类型的Mark点，适应镀锡，镀铜，镀金，喷锡，FPC等各种颜色不同的板，确保机器高精度对位。

Uniform ring light, high brightness coaxial light and advanced upper/lower vision system Full range of light compensation, Automatic and accurate recognized of all type MARK points. Applicable for tin plating, copper plating, gold plating, tin spraying, FPC and other types PCB with different colors, able to ensure high accuracy.



C 清洗系统

cleaning system

自动有效的钢网清洁系统，干洗，湿洗真空洗三种方式可自由组合，也可以人工清洗钢网。CCD部分和清洗部分分离设计，当CCD工作时，CCD独立移动，降低伺服马达的负载和运动冲量，提高精度及速度和使用寿命。自上而下的喷淋系统，喷淋均匀。软件功能可以控制酒精与钢网纸的用量，有效节省更多耗材；真空清洗匹配专用风机，强力有效。



Stencil cleaning system is automatic and effective. Three options of Dry cleaning, Wet cleaning and Vacuum cleaning can be selected to use, both individually and multiply. And you can also choose to clean manually. The unit to clean is separated from CCD camera, which can minimize the load of motor and impulse, improve the positioning precision and speed and extend the service life. Sprinkler system ensures spraying evenly, from top to bottom. The software function can control the dosage of alcohol and stencil cleaning paper. Effectively save more consumables. Vacuum cleaning is supported with a dedicated fan, powerful and effective.

O 正实专用平台校正系统

right(Zhengshi) Special Platform Calibration System

三轴联动具有超高的动态特性，可快速实现PCB板的厚度调节。三轴联动具有超高的动态特性，可快速实现不同厚度PCB板的PIN针顶升高度调节。

Three axes linkage is designed with super-high dynamic characteristics. It can quickly adjust the PIN jacking height of PCB with different thickness.



O 操作系统

operation Interface

采用Windows Xp简单易学易用的操作界面。具有良好的人机对话功能，做程序文件具有教学及导航功能，每步都有提示方便所有操作人员快速熟悉，菜单中英文一键切换。具有操作日志，故障记录分析诊断等功能。



Using Windows XP operation interface, and easy to learn for user, with good man-machine interactive function. Programming is designed with teaching and navigation function, guidance is available on every step. Chinese/English selectable Operating Journal/Breakdown Record/Breakdown Diagnosis

P PCB运输及定位系统

PCB Transport & Clamping System

采取独特的皮带传动系统，有效防止卡板掉板。可编程马达控制运输速度，停板位置精准。左右进出板方向可自由选择。

采取柔性侧夹及真空吸腔，有效夹紧PCB保证PCB各钢网之间完全平整接触。



Unique belt transmission system avoids being stuck or fall-off of PCB Programmable motor controls transport speed and puts PCB in the precise position. Free to choose left or right as the PCB input/output direction. Flexible side clamp and PCB support vacuum block hold PCB tightly and ensure the full even contact between PCB and stencil.



Ase 技术参数

Specifications



Item 项目	Model 型号	Ase
网框尺寸 Screen Frames	Min Size	370X370mm
	Max Size	737X737mm
	Thickness	25~40mm
PCB Min Size 最小尺寸		50X50mm
PCB Max Size 最大尺寸		400X340mm
PCB Thickness 厚度		0.4~6mm
PCB Warpage 翘曲量		< 1%
Transport Height 传送高度		900 ± 40mm
Transport Direction 传送方向		Left-Right; Right-Left; Left-Left; Right-Right 左-右; 右-左; 左-左; 右-右
Transport Speed 运输速度		Max 1500mm/S Programmable
Board Location PCB的定位	Support System 支撑方式	Magnetic Pin/Up-down table adjusted/supportblock by hand磁性顶针/可调节顶升平台/等高块
	Clamping System 夹紧方式	side clamping, vacuum nozzle, 边夹, 真空吸嘴, 自动伸缩z向压板
Print head 印刷头		Two independent motorised printheads 两个独立的直联式马达驱动印刷头
Squeegee Speed 刮刀速度		6~200mm/sec
Squeegee Pressure 刮刀压力		0~15Kg 马达控制
Squeegee Angle 刮刀角度		60° / 55° / 45°
Squeegee Type 刮刀类型		Stainless steel(Standard), plastic 钢刮刀标准, 胶刮刀
Stencil Separation Speed 钢网分离速度		0.1~20mm/sec Programmable
Cleaning System 清洗方式		Dry, Wet, Vacuum (Programmable) 干、湿、抽真空
Table Adjustment ranges 工作台调整范围		X: ±10mm; Y: ±10mm; θ: ±2°
CCD FOV视野区域		8x6 mm
Solder Paste Inspection 锡膏检测		2D Inspection (2D检测) Standard
整机参数 Machine		
Repeat Position Accuracy 重复定位精度		±0.01mm
Printing Accuracy 印刷精度		±0.025mm
Cycle Time 印刷周期		<7s (Exclude Printing & Cleaning)
Product Changeover 换线时间		<5Min
Air Required 使用空气		4.5~6Kg/cm2
Power Input 电源		AC: 220 ± 10%, 50/60HZ 1φ 3KW
Control Method 控制方法		PC Control
Machine Dimensions 机器外形尺寸		1220(L)X1355(W)X1500(H)mm
Machine Weight 机器重量		Approx: 约1000Kg

