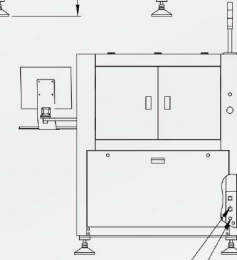
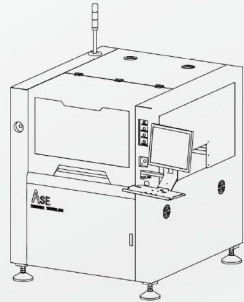
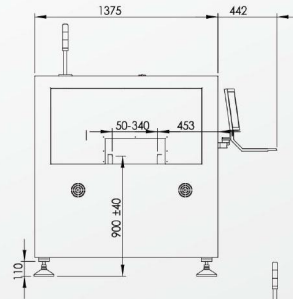
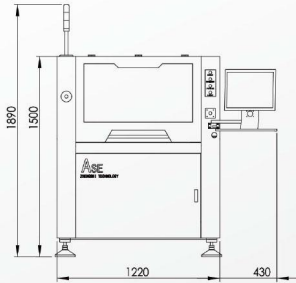




AI

Size appearance figure



Power Supply: AC220
Air Supply: 4-6Kgf/cm²

Shenzhen Headquarters

Address: No. 8 Huanzhen Road, Shajing Town, 518104, Bao'an District, Shenzhen City, China
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Address: No. 6, East Street, Yongding Road, Haidian District, Beijing
Tel: 010-57038293
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Functional features

AI

Specifications

Scraper system

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

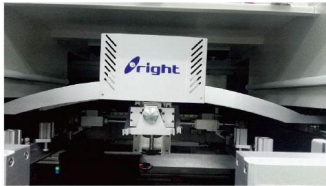
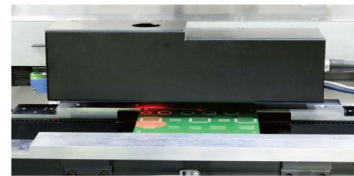


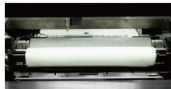
Image And Optical System

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.



Cleaning system

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.



Right Special Platform Calibration System

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



Operation Interface

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



PCB Transport & Clamping System

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.

	Model	A1
Item		
Screen Frames	Min Size	370X370mm
	Max Size	737X737mm
	Thickness	25-40mm
PCB Min Size		50X50mm
PCB Max Size		400X340mm
PCB Thickness		0.4-6mm
PCB Warpage		< 1%
Transport Height		900 ± 40mm
Transport Direction		Left-Right; Right-Left; Left-Left; Right-Right
Transport Speed		Max 1500mm/S Programmable
Board Location PCB Location	Support System	Magnetic Pin/Up-down table adjusted/support block by hand
	Clamping System	side clamping, vacuum nozzle
Print head		Two independent motorised printheads
Squeegee Speed		6-200mm/sec
Squeegee Pressure		0-15Kg
Squeegee Angle		60° /55° /45°
Squeegee Type		Stainless steel(Standard), plastic
Stencil Separation Speed		0.1-20mm/sec Programmable
Cleaning System		Dry, Wet, Vacuum (Programmable)
Table Adjustment ranges		X: ± 10mm; Y: ± 10mm; θ: ± 2°
CCD FOV		8x6 mm
Solder Paste Inspection		2D Inspection Standard
Machine		
Repeat Position Accuracy		± 0.01mm
Printing Accuracy		± 0.025mm
Cycle Time		< 7s (Exclude Printing & Cleaning)
Product Changeover		< 5Min
Air Required		4.5-6Kg/cm2
Power Input		AC: 220 ± 10%, 50/60HZ 1Φ 3KW
Control Method		PC Control
Machine Dimensions		1220(L)X1375(W)X1500(H)mm
Machine Weight		Approx: 1000Kg

