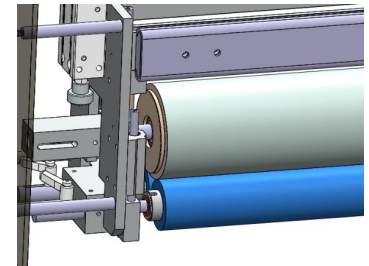
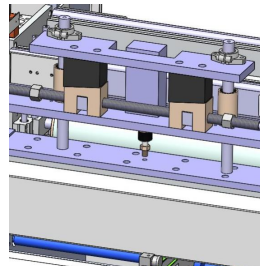
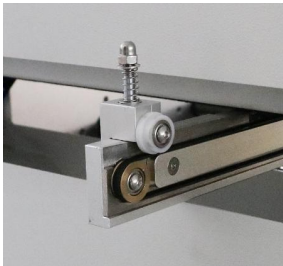


I.C.T PCB Cleaning Machine



Introduction:

1. Panasonic PLC control system, touch screen operation, simple and easy to understand.
2. Double imported dust roller, automatic lifting design.
3. The unique design of the brush device can effectively clean the larger dust and protect the wear of the dust roller.
4. 1 electrostatic eliminator in each inlet and outlet can efficiently remove static electricity from PCB.
5. Transmission by stepper motor drive, precise and stable.
6. The central support function should play a key role in the possible deformation of the big PCB.
7. Modular design of the whole machine, convenient and quick maintenance.
8. SMEMA interface.



Features:



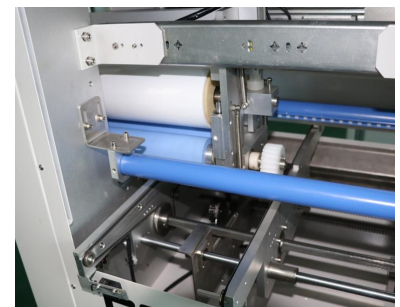
Brush and dust collection

The newly brush and vacuum combination mainly cleans the dust with larger particles after laser marking to avoid scratching the electrostatic roller.



Electrostatic roller and sticky paper

Contact cleaning mode, can clean up 0.001mm size dust particles, high efficiency and high energy



Bottom brush central support system

Unique design, adjustable support system to ensure that different sizes, different thickness of PCB 100% contact with clear electrostatic roller.



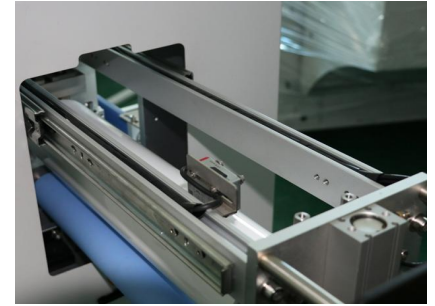
Electrostatic elimination system

input and output are equipped with static eliminators, mainly eliminating residual static electricity due to static discharge on the main electrostatic.



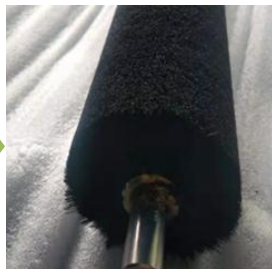
PCB thickness adjustment system

Unique patented design, adjustable mechanism device, such as 0.4-3.0 mm PCB and 3.0-7.0 mm fixture can be easily adjusted through.



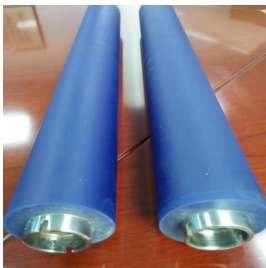
Alarm system

Sensor detects sticky paper dirty and detects immediate alarm alerts.



New Design Brush

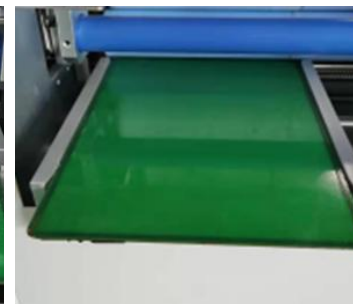
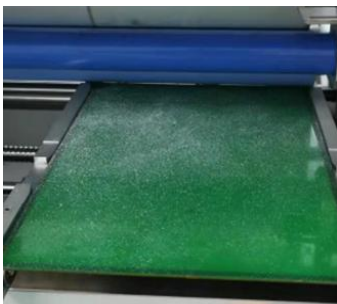
The best brush design, using stainless steel spiral wool pressing method, forms the whole brush roller in full wool state, and there will be no hair removal phenomenon when working, so that the overall clear effect is in the best state.



New Design Roller

The new rollers have multi-functional technical support. The material itself is viscous. Because the material structure is benzene ring, it is composed of many hydroxyl groups of benzene ring. The structure has strong air tightness, and has good adsorption effect on micro-particles.

Effect contrast:



PCB before cleaning



PCB after cleaning



Paper before cleaning



Paper after cleaning

Materials List:

No.	Item	Brand	Original
1	PLC	PANASONIC	Japan

2	Roller	Customized	Taiwan
3	Brush	Customized	Taiwan
4	Sensor	OMRON, PANASONIC	Japan
5	Cylinder	SMC	Japan
6	Software	I.C.T	China
7	Motor	ZD	Taiwan
8	De-static device(Optional)	I.C.T	China
9	Bearing	NSK	Japan

Specification:

Item	I.C.T-PC250	I.C.T-PC350	I.C.T-PC450
PCB Size	50*50mm~330*250mm	50*50mm~450*350mm	50*50mm~500*450mm
PCB Thickness	2-3mm (Option: 4-6mm)		
PCB Direction	L to R or R to L		
Transport Height	900±20mm (or Customer Specified)		
Control System	Panasonic PLC		
Operation Panel	Touch screen		
Number of Brushes	1pcs		
Number of Dust Roller	2pcs		
Number of Sticky Paper	1pcs		
Electrostatic Removal Device	I.C.T or option		
Electrostatic Value	≤50V		
Air Supply	0.5~0.6Mpa		
Power Supply	1 PH AC 220V 50/60Hz		
Dimension	L550*W650*H1600mm	L550*W750*H1600mm	L650*W850*H1600mm
Weight	120KG	140KG	160KG

* The data is obtained under ambient temperature of 25°C and humidity of 60%.

Recommend Spare Parts:

No.	Item	Model	Quantity
1	L-shaped ring belt	250L	1 pcs
2	5M synchronous toothed belt	5M-350	1 pcs
3	Flat belt (black)	1230*4*1.2mm	2 pcs
4	Cleaning roller	L=500mm	2 pcs
5	Sticky paper	L=500mm	1 roll

6	Pulley	4mm	10 pcs
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* I.C.T keeps working on quality and performance, specifications and appearance may be updated without particular notice.

Thanks for choosing I.C.T.
I.C.T looks forward to win-win cooperation.
Thank you.