

## UPKTECH FR-3500 PCB cleaning machine

### I. Description:

Full-automatic PCB board cleaning machine is suitable for on-line cleaning of PCB pad surface before solder paste printing or adhesive coating of small board chips, dust, fibers, hair, skin debris, metal micro-particles and other foreign matter, to ensure that the PCB surface is in a clean state, in advance to eliminate the false soldering, empty soldering, warping, deflection and other soldering defects, so as to reduce the hidden danger and improve product quality. Specialized equipment developed and designed according to the needs of FRT production line PCB cleaning. Standard equipped with de-static function, completely eliminate static interference. Contact cleaning method, cleaning rate of more than 99%, to ensure efficient, stable and long-lasting cleaning effect.



### II. Features:

1. Adopt touch screen control interface, easy to understand the operation
2. The feeding direction of the rail can be switched at will, left→right or right →left  
The front end has a brush function, removing debris, hair, etc.
3. Stronger ability PCB board in and out of the place are attached to the static device, to reduce the patch process by the static electricity generated by the patch bad and static electricity damage
4. With counting function and CNC speed display
5. Sticky roll paper replacement cycle reminder function
6. Anti-static cleaning brushes and vacuum devices are developed and designed according to the high cleaning demand of PCB boards to ensure efficient and stable cleaning effect.

#### IV. Specifications:

<b>Project</b>	<b>FR-3500 Specifications/Parameters</b>	<b>Remarks</b>
<b>PCB dimensions</b>	50x50~300x300 (LxW)mm	Other models of large substrates correspond to
<b>PCB thickness</b>	0.5~3.2mm	For special applications for substrates of 0.4mm or less
<b>Transfer height</b>	900±25 mm	
<b>Cleaning brushes</b>	1 root	
<b>Vacuum suction unit</b>	1 set	
<b>Sticky Dust Roller</b>	Front and back	
<b>Dusting paper</b>	One volume	
<b>Orbital direction</b>	left →right or right →left	<b>Optional</b>
<b>track fixing side</b>	anterior or posterior fixation	Optional
<b>track width adjustment</b>	Manual	Automatic track width adjustment option
<b>de-electrostatic devices</b>	Built-in	Special de-static device optionally available
<b>Air supply</b>	0.4-0.5MPa	
<b>Power supply</b>	AC220V,50HZ	Special voltages to be specified
<b>Overall Dimension(mm)</b>	890X600X1400	
<b>Weight</b>	140KG	