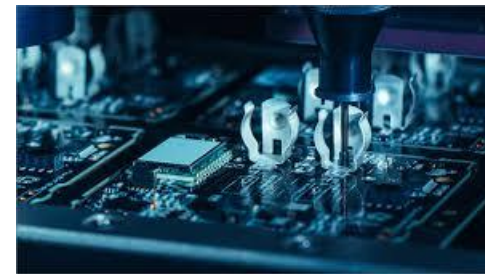
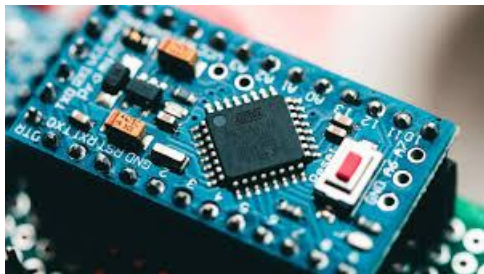


## PCBA Cleaning Machine Introduction

### S-8189-Inline Automatic PCBA cleaning conveyor

This automatic circuit board brushing machine is an online (offline) two-purpose automatic PCB board special brushing machine. It is suitable for regular board washing water, without manual contact with the board washing water, the cleaning process is sealed, and the chemical smell of the board washing water will not be emitted to the workshop, protecting the working space environment and the health of employees. The equipment is very convenient to operate in the general mode of conventional transportation. The cleaning mode is designed to be fully cleaned in all directions, front, back, left and right. The cleaning effect is very clean and thorough. This equipment only cleans the bottom side of the soldering and will not affect any components on the circuit board. Please use it with confidence .



## Descriptions

### Inline Automatic PCBA cleaning conveyor S-8189



1. Main use: tin bead, flux cleaning.
2. Mainly used for the cleaning of circuit boards with board edges (the distance between board edges should not be less than 2.mm), and the width is 20-300mm.
3. The circuit board is automatically coated with washing water: it can ensure that the welding surface of the circuit board can be evenly coated with washing water without affecting the surface of other components.
4. Two disc brushes + two roller brushes for cleaning: One disc brush is in forward rotation and the other in reverse mode
5. The height of the cleaning brush, the motor speed can be adjusted arbitrarily.
6. Driven by electronic speed regulating motor (power: small motor 120W, large motor 300W), the motor speed is steplessly adjustable
7. Powered by 220 volts



PCB inlet

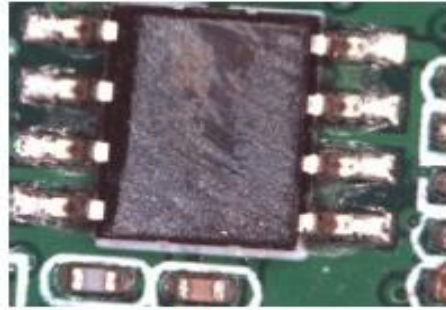


Board width Adjustment Handle  
Adjust wide:0-300MM

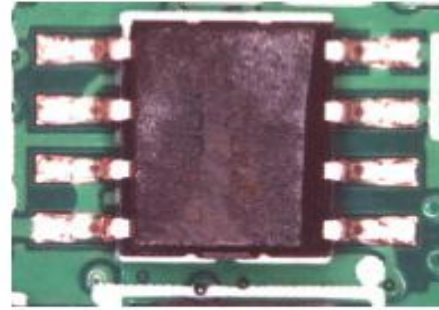
## Specification (Customizable)

Board Size Range	500mm(W) x 800mm(L)
Dimensions	L2700*W1000*H1150±2mm
Coating Roller Size	φ95*L320mm
Disc brush size	φ320*H30mm
Roller brush size	φ95*L320mm
Spindle speed	0-500turn/min (Lineartronic)
working voltage :	220V
power:	0.5 (KW)
Transmission speed:	0.05 ~ 1.8m/min (Lineartronic)

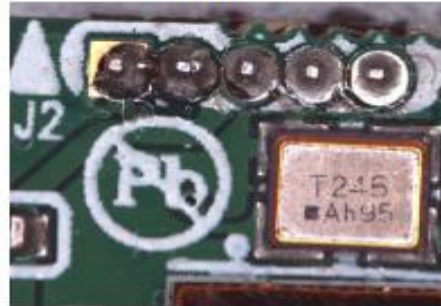
Item	Process name	cleaning medium	time	clean way	clean box	remark
1	First step:dry cleaning	NO	adjustable	Roller brush (palm fiber)	A3	Debris removal
2	Water cleaning	washing agent	adjustable	Roller brush (nylon )	SUS304	
3	Water cleaning	washing agent	adjustable	Roller brush (nylon )	SUS304	For solidified stains
4	Fourth step: dry cleaning	NO	adjustable	Disc brush (adjustable)	A3	
5	Fifth step: cleaning	washing agent	adjustable	Roller brush (nylon )	SUS304	
6	Sixth step: dry cleaning	NO	adjustable	Disc brush (palm fiber)	A3	



before



after



before



after



## Features

1. Equipment structure: including feeding and connecting mechanism, transportation mechanism, brush cleaning system, circulating filter system, high-pressure air knife system, PLC program controller, and other automatic control systems. Each system is an independent modular design, which is easy to operate and easy to maintain.

2. The whole machine is automatically controlled by PLC, with complete functions and two operating modes, automatic and manual.

3. The disc brush and the roller brush simultaneously clean the bottom of the circuit board in all directions from front to back, left and right, and there is no dead angle for cleaning.

4. Cleaning module Equipped with a completely closed three-stage automatic circulation filtration system, which continuously filters and cleans the stains, so that the cleaning solution is always maintained at a high level of activity. The cleaning liquid tank is equipped with low liquid level alarm and over-limit liquid alarm design



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