

UV inspection conveyor

This unit is placed at the conformal coating process line as a inspection station to check the conformal coating quality by visual inspection. This UV inspection conveyor is with the air exhaust interface and air pressure sensor to monitor the air flow.



Standard features

- Mitsubishi PLC program control
- Touch screen operation panel
- By-pass mode, inspection mode selectable
- Conveyor width adjustment by using hand crank.
- Center PCB stop position
- Heavy bottom design to prevent shifting
- Conveyor motor is using with stepper motor
- Covers which protect the boards against dust
- 2-segment independent conveyor speed control
- UV lights to analyze the coating result over the boards
- Exhaust sensor which forces to use air extraction
- SMEMA compatible
- Inspection interval can be setting by software.

Technical specification

Transfer heights	900mm+/-50mm
Transfer direction	Left to right
Operation side	Front of machine
Fixed rail	Front of machine
Interface	SMEMA
Conveyor belts	ESD flat belt
PCB edge support	3mm
Allowable components clearance	Top 80 mm+ down 40mm
UV lights	2 Groups
Inspection interval	Setting by software
Safety	CE certificates
Control	PLC
Voltage	220V/ 110V , single phase, 50-60Hz

	PTB-460 UV
Machine dimension	1000-1050-1310mm (L*W*H)
Weight	200KG
PCB size	500mm *460mm (L*W)