



Catálogo

Coating Machine for Whole Board



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CM-460S is whole board coating equipment which is a cost effective equipment, specially developed for products that need to be coated on the entire surface of the PCB board

Application

- Home Appliance Control Board
- Car Electronic Control Board
- Battery Protection Board
- Instrumentation Circuit Board
- Industrial Equipment Control Board
- Consumer Electronics Control Board
- Solar Panel
- Motor Control Board

Features

1. Adopting overall rigid motion platform to ensure the operation stability of machine.
2. Professional motion control and high-quality module structure have laid a solid foundation for high-load and high-precision operation
3. Software with independent intellectual property rights, friendly man-machine interface, easy for beginners to operate
4. Strong process control capability ensures high quality of potting machine.
5. Low pressure atomization, neat boundary, reduce pollution
6. Constant pressure feeding system ensures stable feeding
7. Automatic cleaning device for valve

Parameters

Coating parameters	Coating range	MAX:W460mm
	Component maximum height	70mm
	PCB board edge	3mm
	Number of valve bodies	Configure a large atomizing valve
Motion mechanism	Positioning accuracy	0.05mm
	Repeatability	0.05mm
	Y max speed	1800mm/s
	Y drive mode	Servo motor + synchronous belt
Conveying unit	Up and down movement	slide cylinder
	Working direction	Left→Right (Standard) Right→Left (Optional)
	Conveyor line height	900mm ± 20mm
	Width adjustment	Manual width trim
	Width range	50mm→460mm
Control and operating system	Transfer speed	10mm/s--300mm/s
	Control method	PLC
	Programmatically	Touch screen
Auxiliary part	Software	Sanco
	Raw material barrel volume	300ml (standard) 20L/10L glue supply pressure barrel (optional)
	Cleaning bucket	500mL
	Cleaning function	With cleaning function
Space requirements	Lighting	The machine with a white light and a purple light
	Dimensions	L760mm*W1040mm*H11620mm
	Equipment weight	280kg
	Equipment air pressure	0.4MP
	Equipment power	0.8KW
	Input voltage	AC220V 50/60HZ

List of main accessories:

Serial number	Product name	Quantity	Manufacturer	Brand
1	Coating valve	1	Sanco	China
2	Photoelectric sensor	3	Panasonic	Japan
3	Servo motor	1	Mitsubishi /Panasonic/Nidec	Japan
4	Stepper motor	3	Leadshine	China
5	PLC	1	Panasonic	China
6	Touch screen	1	Xinje/Weinview	China
7	Screw module	2	Hiwin	Taiwan
8	Guide rail	4	Hiwin	Taiwan
9	The electromagnetic valve	7	SMC	Japan
10	Precision pressure regulator	1	SMC	Japan
11	Cylinder	5	AirTAC	Taiwan
12	Air source treatment components	1	AirTAC	Taiwan