



High Precision Pcb Placement Machine 50x50mm Bulb PCB Board

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CCC, CE, SIRA
- Model Number: RT-1
- Minimum Order Quantity: 1 set
- Packaging Details: Standard vacuum wooden box packaging
- Delivery Time: 5-8 work days
- Payment Terms: T/T
- Supply Ability: 50 sets per month



Product Specification

- Weight: 2200kg
- PCB Size: Max:400*350mm Min:50*50mm
- Mounting Speed: 30000-35000CPH
- XYZ Axis Drive Way: High-end Magnetic Linear Motor + Servo Motor
- No. Of Nozzles: 10 PCS
- Feeding Way: Electric Feeder With Double Motor
- Highlight: **High Precision Pcb Placement Machine, 50x50mm Pcb Placement Machine, 50x50mm Bulb PCB Board**

Product Description

High Precision Pcb Placement Machine 50x50mm Bulb PCB Board

Introduction

Use high-precision industrial cameras to solve the precise placement of precision chips with at least 0402 chips. Imported customized suction nozzle is adopted, so that parts are not easy to lose when sucking and placing. Equipped with 10 placement heads and 32 feeding stations, it can suck 10 different materials at the same time without changing the nozzle. Double-motor electronic feeder, stable feeding, fast feeding speed, no need for repeated calibration.

What are the basic technical parameters of this machine?

RT-1 pick and place machine		
Dimension	Length* Width* Height	1200mm*1930mm*1500mm
	Total weight	2200kg
PCB	PCB Size	Max:400*350mm Min:50*50mm
	PCB Thickness	0.1-6mm
Vision System	No. of camera	2 PCS
		Vision alignment, Mark correction
	Mounting speed	30000-35000CPH
	Components	LED, capacitors, resistors, IC, shaped components, etc.
	No. of feeders station	32PCS
	No. of nozzles	10PCS
	XYZ Axis drive way	High-end magnetic linear motor + servo motor
	Feeding way	Electric feeder with double motor

Why should we choose this machine ?

RT-1 is Eton's new placement machine. This machine:
Designed for different types of PCB boards. Using the latest high magnetic linear motor, the speed and accuracy are better than ordinary multi-function machines.
Meet 0402 components, the maximum installation height can reach 22MM. Suitable for all kinds of drivers, power supplies, circuit boards, lenses, linear bulbs, home appliance control panels, etc.
It is also a modular machine, which can be connected in series to save costs and increase output (for products with more materials).

Where does it apply?

The placement machine is a device used to achieve high-speed and high-precision placement of components. It is the most critical and complex equipment in the entire SMT and production. It is the placement equipment used in the production of SMT.

If I want to buy a line, what equipment do I need?

The first step: solder paste printing
Through the stencil template, the solder paste is leaked onto the PCB board
Step 2: pick and place machine
Placement part : The PCB board is sent to the placement machine, and the placement machine automatically picks up the components and places them on the PCB.
Step 3: reflow soldering
The PCB board with the installed components is sent to the reflow oven, and the reflow oven heats the components with solder paste and solders them on the PCB.
Step 4: conveyor
Test : Test the placement and soldering quality.

FAQ

Q1: How is the breakdown rate of machine?

A: Our machine is very stable, the breakdown rate is less than 0.001.

Q2: Is your software interface in English?

A: English interface and Chinese interface are both available.

Q3: Machine is easy to operate?

A: Machine is easy to operate, usually 3 to 5 days training of operating is enough.

Q4: Does your company have other machine?

A: Of course, our company has multi-function machines and special machines. If you need other machines, you can contact me at any time.



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