



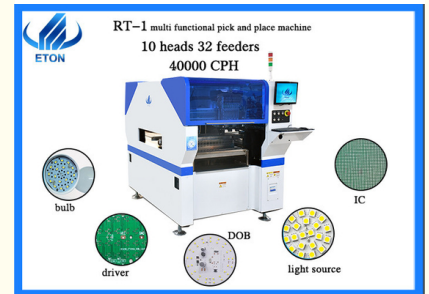
Single module 40000CPH 10 heads 32 feeders Bulb making SMT pick and place machine

Our Product Introduction

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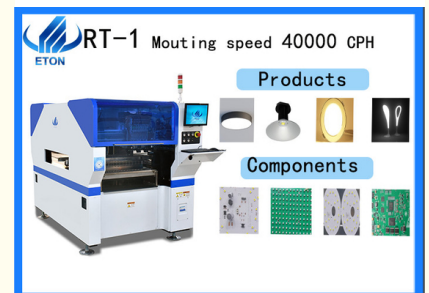
Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CCC CE SIRA
- Model Number: RT-1
- Minimum Order Quantity: 1 SET
- Packaging Details: Vacuum wooden box
- Supply Ability: 50 PCS/month



Product Specification

- Name: Pick And Place Machine
- Length: 1200mm
- Width: 1930mm
- Height: 1500mm
- System: Windows 7
- Software: R&D Independently
- Display: Touch Screen Monitor
- Input Device: Key Board, mouse



Product Description

Single module 40000CPH 10 heads 32 feeders Bulb making SMT pick and place machine

Product description

1. RT-1, 2 sets of cameras, flight recognition visual alignment, mark correction, and patch accuracy range can be as small as $\pm 0.04\text{mm}$.
2. The price is low, but there are many products that can be made. This model has 10 heads and can be equipped with 10 suction nozzles and 32 feeder. Most of them are 8 suction nozzles on the market, so the design of 10 suction nozzles makes the most ideal production capacity of RT-1 reach 40000 CPH.
3. The power consumption is 4kw. The use environment is set between 20 - 26 to match the normal return temperature of the solder paste. The linear guide rail and the head generate a magnetic field to support the back and forth movement of the head. The servo motor and angle motor cooperate with each other to improve the mounting accuracy.

PCB description

1. The maximum size of omni-directional PCB is 450 * 350mm and the minimum is 80 * 80mm.
2. The thickness of PCB board is between 0.1-6mm, which is more than enough to make the standard PCB thickness on the market, but when it is less than 0.6mm, it needs to be supported by fixture because it is too thin.

Feature

1. Single mode group, single system control, can be applied to a variety of LED products and SMD electronic components.
2. It is equipped with the exclusive patent of ETON company, such as automatic optimization function, which optimizes the occurrence path after programming, so as to make the transmission, scanning and mounting faster and more accurate.
3. The head and tail of electronic feeder are controlled by one motor, and two motors provide power.

Parameter

PCB clamping	pneumatic
Mounting height	$\leq 15\text{mm}$ or customize
Power	AC 380V
Transmission speed	$\leq 1000\text{mm/sec}$
Transmission direction	Left-right or right-left
Air supply	0.4-0.6mpa
Positioning way	optical
Electric control	R&D independently by ETON

SMT chip processing process

First: Solder paste printing: the solder paste is missed on the PCB pad through the steel mesh.

Second: Placement. the correct placement of electronic components is realized through the suction nozzle and feeding of the placement machine.

Third: Reflow soldering, in the reflow furnace, the solder paste is heated, melted and cooled to fix.

Based on the above three steps, we can provide you with a complete product scheme.



Company show

Founded in 2011, Yitong has been focusing on the SMT industry for ten years, with professional and rich experience. In the past ten years, we have made continuous innovation and obtained a total of 133 patents, including software and hardware. 80% of SMT factories in China are our customers, and our products are exported to more than 20 countries abroad.

company show



ETON industry

1. Sq.m: 50,000
2. Patent: Total 133
3. 7*24 online service



FAQ

Q1: What are the minimum components that can be pasted by RT-1 Mounter?

A: 0402 is OK, and the maximum range of mounting elements is 17mm.

Q2: What are the advantages of fully automatic line? ?

A: The full-automatic line saves labor, facilitates management, program control and saves production time



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