

## 32 Feeder 35000CPH SMT LED Placement Mounter SIRA

### Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC/CE/SIRA
- Model Number: RT-1S
- Minimum Order Quantity: 1 Set
- Packaging Details: wooden box with vacuum package
- Delivery Time: 30 days after deposit
- Payment Terms: T/T
- Supply Ability: 50 sets per month



### Product Specification

- Dimension: 1200\*1930\*1500 Mm
- Total Weight: 2200 Kg
- Mounting Speed: 30000~35000CPH
- Vision System: Vision Alignment, Mark Correction
- PCB Length Width: Max:400\*350 Mm Min:50\*50 Mm
- Warranty: 1 Year
- Packing: Vacuum Packaging + Wooden Box Packaging
- Mode Of Transport: Sea/ Rail/airplane
- Highlight: **32 Feeder SMT LED Placement Mounter , 35000CPH SMT LED Placement Mounter, SIRA Smt Pick And Place Equipment**



## Product Description

### Automatic high efficiency low cost SMT LED Placement Mounter

#### What is SMT Production Process?

##### Step 1:Solder paste Printing

Operate the stencil printer to print the solder pastes onto the PCB

##### Step 2:Mounting Part

The PCB board that has been brushed with solder paste will be sent to the pick and place machine for automatic mounting, and the pick and place machine will automatically pick components and place on PCB.

##### Step 3 : Reflow Soldering

The PCB board be mounted with components is sent to reflow oven, reflow oven will heat and welding the components with solder paste on PCB.

##### Step 4 : Testing

Check whether the PCBA is misaligned or shift.

#### What are the characteristics of the RT-1 LED placement machine?

- ◆ 1. High-precision industrial cameras solve the precise placement of precision chips, such as IC, QFN and other small-size chips. Minimum placement of 0402 chips.
- ◆ 2. Imported customized suction nozzle is adopted, which is not easy to lose parts during suction and placement, and the installation is convenient and durable.
- ◆ 3. It is equipped with 10 placement heads and 32 feeder stations, which can suck 10 different materials at the same time, basically without replacing the nozzle.
- ◆ 4. High-performance adaptability, accuracy control at the level of plus or minus 0.04mm, high-precision repeat positioning, powerful XY performance, high-speed operation,
- ◆ 5. Double-motor electronic feeder, stable feeding, faster feeding, no need for repeated calibration.
- ◆ 6. Effectively ensure the reliability and stability of the placement machine for a long time.
- ◆ 7. The whole machine adopts precision guide rail, which improves the precision of SMT placement.

	RT-1S
L*W*H	1200*1930mm*1500mm Total Weight:2200kg
PCB Length Width	MAX:400*350mm MIN:50*50mm
Mounting Mode	Group picking and separate placing,separate picking and separate placing
Mounting height	≤22mm
No. of Camera	2PCS
Mounting Precision	±0.04mm
Mounting Speed	30000~35000CPH
Components Space	0.2mm
Feeders Station	32PCS
No. of nozzles	10PCS
Electrical control	Independent research and development by ETON
Motion control card module 1 set	Independent research and development by ETON
X, Y, Z, Axis Drive way	Servo motor
Feeding Way	Electric feeder with double motor

#### What is the application scope of RT-1 LED placement machine?

- ▶ 1. Application areas: mass production, personal entrepreneurship, R&D and customization, home appliance industry, power drive, LED lighting.
- ▶ 2. Mounting components: LED,capacitor,resistor,IC,shaped components,etc.  
Capacity: The capacity of RT-1 is reach 30000~35000CPH.
- ▶ 3. Production: DOB, home appliance control boards, power drivers, LED down-lights, LED bulb lights, LED panel lights, etc.



#### **Attention:**

- ▶ 1. Before using the Pick and Place machine, you must understand the basic parameters of the placement machine;
- ▶ 2. Before running the Pick and Place machine, the operator should do a comprehensive inspection of the machine.
- ▶ 3. According to the boot operation sequence to implement the Pick and Place machine, there must have a detailed machine operation instructions;
- ▶ 4. It is necessary to conduct regular troubleshooting and maintenance work on the Pick and Place machine in a timely manner.

#### **After service:**

- ▶ 1. Warranty period: one year, any parts that need to be repaired and replaced during the warranty period are free.
- ▶ 2. Service station: India office and Indian engineers can provide you with services faster.
- ▶ 3. After-sales service: Send engineers to your factory for free installation and training.
- ▶ 4. Shipment: Shipment within 30 days after payment.
- ▶ 5. Transportation methods: sea transportation, road transportation, air transportation, etc.
- ▶ 6. Software updates: Enjoy free software updates for life.

#### **About our company:**

##### Brief Introduction:

Our company ETON is the largest manufacturer of high speed pick and place machine. We start from 2011, around 10 years. Our company focusing on "High efficiency Low consumption" in the word, meanwhile ETON is also the largest high-tech manufacturer in China with strong capability of design, R&D, manufacturing, sales and service.

"High efficiency" "High quality" and "High Stability" are the core technology of ETON, strong technology innovation and strict pursuit of quality control, with excellent service, ETON has created superior value for customers as the outstanding worldwide brand of High-speed SMT machine with good reputation. Looking forward to the future, we believe that ETON will seek to better achievement in SMT field and make greater contributions to the industry and society!

##### Honours Client:

In the market, around 80% of large LED factory are our client. We have exported machine to different countries, such as India, Egypt, Korea, Turkey, Brazil etc. Such as FSL,ETI,KONKA,OPPLE,MLS are our client, In India such as RK, Surya, skyquad are our client.

##### Company&industrial area:



#### 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 machines

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

#### Remarks:

- ◆ 1.Payment terms: Deposit 30% in advance,the balance 70% should be paid before shipment by T/T.
- ◆ 2.Delivery time: 30 days after deposit.
- ◆ 3.Warranty: 1 year.(including spare parts)

Add: If you have any questions, please feel free to contact me!

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