10m soft light strip PCB processing pick and place machine SMT production line Production

Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC,SIRA,CE
- Model Number: HT-T9
- Minimum Order Quantity: 1PCS
- Packaging Details: We use vacuum wooden box packaging
- Delivery Time: 5-8days
- Payment Terms: L/C, T/T
- Supply Ability: 50pcs/month
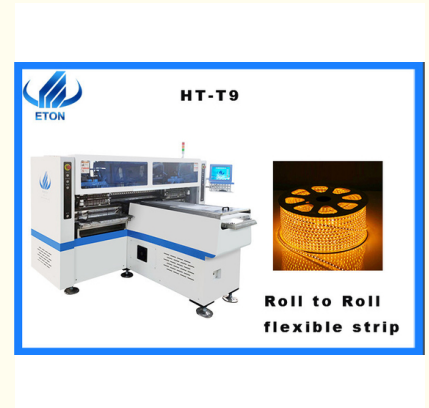
Product Specification
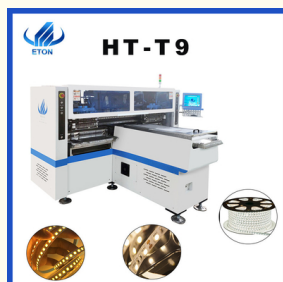
- Model: HT-T9
- Length: 3100mm
- Width: 2300mm
- Height: 1550mm
- Total Weight: 1700kg
- PCB Length Width: 250mm*ang Length
- No.of Feeders Station: 68PCS
- No.of Head: 68PCS

More Images

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process and application of 0.5m, 1M, 5m, 25m, 50m and 100m soft lamp strips
The production process of flexible LED light strip, namely FPC light strip, is as follows:
Production process of FPC lamp strip
Step 1: printing solder paste with semi-automatic printing machine: first warm the solder paste, then stir it, and then put a small amount on the steel net of the printing machine. The amount is better when the solder paste reaches two-thirds of the scraper when the turning blade advances
Step 2: placement machine placement: place the printed PFC on the fixture, automatically send the board to the placement position, and the placement machine accurately places the placement components on the PCB board
Step 3: manual detection: check the polarity of the LED on the LED strip (whether there is reverse), whether the mounting is offset, whether there is short circuit, and whether the resistance value is correct.
Step 4: reflow soldering: solder the lamp beads and PCB together through reflow soldering
Step 5: finished product inspection: it is necessary to check the appearance of the product to see whether there is poor welding, tin beads, short circuit, etc. Then there is the electrical inspection to test whether the electrical performance of the product is intact and whether the parameters are correct
Step 6: packaging, manual packaging

Parameter

Model	HT-T9
Dimension	
Length	3100mm
Width	2300mm
Height	1550mm
Total Weight	1700kg
PCB	
PCB Length Width	250mm*any length
PCB Thickness	0.5-1.5mm
PCB Clamping	Vacuum adsorption, cylinder splint, adjustable track width
Mounting Mode	Group picking and separately placing
O.S.	
System	Windows7
Software	R&D independently
Display	Touch screen monitor
Input Device	Keyboard, Mouse
Vision System	
No. of Camera	5 PCS (Digital camera)
	Vision alignment, MARK correction
Repeat mounting Precision	±0.02mm (Repeat precision)
Mounting Height	≤5mm
Mounting Speed	200000~250000CPH
Components	LED 3014/ 3020/ 3528/ 5050 and capacitors, resistors, bridge rectifiers, etc.
Components Space	0.5mm
No. of Feeders Station	68 PCS
No. of head	68 PCS
Power	380AC 50 HZ

HT-T9

Basic knowledge of LED soft light strip
Common lamp bead types: 3014 / 2835 / 5630 / 5050, etc
Series / parallel connection of components: 1. The lamp beads and resistors are connected in series. 2. The connection mode of the lamp beads in the LED lamp band is mixed connection, that is, several lamp beads are connected in series into a group, and then several groups are connected in parallel
Lamp beads and resistance: 1:1, 2:1, 3:1, 4:1, 6:1
Lamp belt type: low voltage lamp belt, high voltage lamp belt, S-shaped lamp belt, neon lamp belt
Number of lamp strips: 30 lamps, 48 lamps, 60 lamps, 74 lamps, 96 lamps, 144 lamps, 90 lamps, 120 lamps per meter, single row and double rows
Lighting angle of components: common lighting angle is 120 degrees. The larger the luminous angle is, the better the astigmatism effect is. However, the brightness of the light is correspondingly reduced
Color temperature: warm white (about 2200k-3500k)
Normal white (about 4000k-6000k)
Cold white (above 6500k)

Service
Maintenance period 1 year
One year warranty, during warranty, any parts that need to be repaired and replaced will be free

Software and hardware lifetime maintenance
Free upgrade software, the software is Reach and developed by ETON, so we support whole lifetime free upgrade updates

Visit customers regularly and gather information
Visit clients regularly. We attend the different exhibitions in different cities every year, at the same time, we will visit local clients and support our service and collect feedback on customer suggestions in time
Provide the latest information about technology and equipment
We give professional technology suggestions to our clients. And share the updated news with our clients

On-site service
We have some official site in India as Mumbai and New Delhi, also have site in Egypt. Turkey that can provide service timely with our engineers.
According to your needs. dedicated senior engineer will come to your factory for free install and training you how to operate the machine.

Shenzhen Eton Automation Equipment Co., Ltd.