



LED strip light smt machine

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CCC
- Model Number: F9



Product Specification

- Machine Name: Strip Light Smt Machine
- Machine Capacity: 2000 Meters/hour
- Machine Warranty: One Year
- Machine Heads: 68 Pcs

Product Description

Here are the SMT Line picture of led strip light:LED strip light smt machine

SMT Machine function is applied to mounting all kinds of led chip and other smd components on the fpcb. It is widely applied to different waterproof strip light.

LED light strip IP65	suitable for humid environments .
LED light strip IP67	suitable for rainwater environments.
LED light strip IP68	be used completely in water.

SMT Machine features

1. Machine is intelligent. SMT Machine is very easy for operate. Equipped with good human interface
Workflow of SMT placement machine: board feeding and mark recognition-> automatic learning-> nozzle selection-> feeder selection-> component picking-> component inspection to evaluate-> placement-> nozzle return- > Out board
2. Machine is high speed. ETON high speed mounter machine one hour capacity could reach 4000 Meters
3. Machine is save labor. One smt line only take 1-3 labors.

Oven machine checking

The checked circuit board will be automatically soldered after reflow soldering. The principle is to generate heat through the heating element, and then use hot air circulation to keep the temperature in different temperature zones within the set temperature range, and evenly heat the circuit board to make the tin After preheating, heating, reflow and cooling, the paste will automatically melt and solder.

It should be noted here that the reflow temperature must be well controlled. If it is too low, the solder paste will not melt, and cold welding will occur; if it is too high, the FPC will easily foam and the components will burn out. In addition, the preheating temperature should be appropriate, if the flux is too low to volatilize completely, there will be residue after reflow, which will affect the appearance; beads.



FAQ

Q1: Above smt line could make IP68 strip light ?

A: The waterproof of strip light is related with the extrusion machine not decided by the smt machine. SMT Machine could make all kinds of FPCB lighting. It is the line before the waterproof

Q2: How to make 200 Meters strip light ?

A: 200 Meter strip light is roll to roll, could using ETON non stop mounter machine T9 series, but also could using the F9 series for welding one meter by one meter.

Q3: Could I pay by RMB?

A: Yes, we could accept USD and RMB.

Q4. What is the machine capacity?

A: Usually, there is a certain gap between the placement speed calculated by the placement machine manufacturer under ideal conditions and the actual placement speed in use. Generally, the following definitions can be used to describe the placement speed of the placement machine.

(1) Mounting cycle. It is the most basic parameter indicating the placement speed, and refers to the time it takes to complete a placement process. The placement cycle includes the entire journey from picking the component, centering the component, inspecting, placing and returning to the picked component location.

(2) Mounting rate. The placement rate is the main technical parameter stipulated in the technical specification of the placement machine. It is the placement speed calculated by the placement machine manufacturer under ideal conditions, and refers to the number of placement cycles completed within one hour. When calculating the placement rate, generally 12 continuous 8mm tape feeders are used, and the pad pattern on the PCB used is specially designed. When calculating, first measure the time for the placement machine to mount 150 chip components evenly distributed on a 50-250mm PCB, then calculate the average time for mounting one component, and finally calculate the one-hour placement time. The number of components, that is, the placement rate.



Shenzhen Eton Automation Equipment Co., Ltd.



0086 13670197725 (Whatsapp/Wechat)



linda@eton-mounter.com



smtmountingmachine.com

HENGFENG INDUSTRIAL AREA,ZHOUSHI ROAD NO. 739,HEZHOU COMMUNITY,HANGCHENG
STREET,BAOAN,SHENZHEN,CHINA