



LED Display SMT Pick And Place Machine LED Industry LED Chip Mounter Machine

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC,SIRA,CE
- Model Number: YT101s
- Minimum Order Quantity: 1PCS
- Packaging Details: WE USE VACUUM WOODEN BOC PACKAGE
- Delivery Time: 5-8 work days
- Payment Terms: L/C, T/T
- Supply Ability: 50PCS/Month



Product Specification

- Model: YT101s
- Warranty: 1 Year
- Applicable Components: SOP
- Name: SMD Chip Mounter,SMT Pick And Place Machine,SMT Chip Mounter,smt Nozzle
- Application: SMD Production Line,SMT Mounting Shooter Machine,SMT Production Line,for SMT Machine
- Power Supply: 380V 50HZ
- Condition: New,100% Original,Brand-new
- Product Name: Place Machine\ LED Mounter\LED Assembly Machine,Automatic SMT Mounting Shooter,SMT Shooter Machine
- Weight: 1700KG
- Mounting Speed: 40000 CPH
- Type: Automatic
- Usage: Circuit Board Assembly,SMT Mounting



Product Description

The latest SMT pick and place machine in led industry for led chip mounter mounting led display

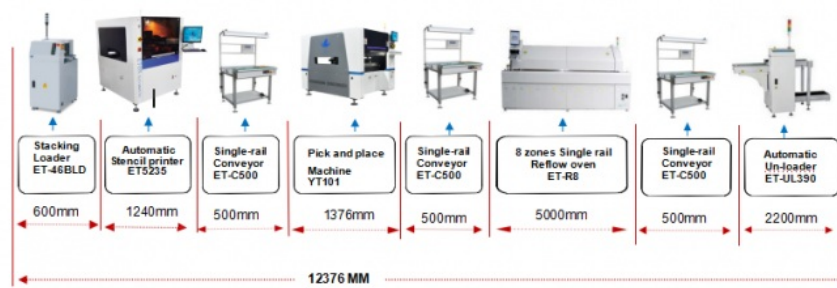
Product Details

Model Number:YT101s
 Dimension:2154*1376*1762mm
 Component range:0201-40 *40mm package and IC etc.
 PCB size:MAX:500*350mm/MIN:50*50mm
 PCB thickness:0.5-4.5mm
 No.of camera:2 sets
 Heads:10pcs
 Weight:1700kg
 Speed:40000CPH
 Power:380AC 50HZ
 Feeder:16pcs
 Core Components:Motor
 Brand:ETON



SMT line process

ETON –YT101 Full-automatic Production Line



Step 1:

Semiautomatic Stencil Printer Machine

In the SMT line for print the solder paste on the PCB.

Step 2: Pick And Place Machine

Pick and place machine is the most important machine in SMT Line, it directly influence the line capacity.

Step 3 :Conveyor Machine

Transfer PCB boards between two machines, play a role in buffering and testing

One section of control , two sensors.

One set of electric control box

Step 4: Reflow Oven Machine

Heating system adopts high efficiency and energy saving nickel heat pipe, radiant power peak wavelength 4UM, with curved reflector cover, high thermal efficiency, fast temperature rise, special forced hot air circulation structure system, so that PCB and components are heated more firmly.

Production requirements

1. anti-static: LED Display Assembly plant should have good anti-circuit measures, special anti-circuit floor, anti-static mat, anti-static ring, anti-static clothing, humidity control, equipment grounding and so on are the basic requirements, and should be

checked regularly with an electrostatic meter.

Driver Circuit Design: LED Display Module on the driver circuit board driver IC layout will also ring the LED brightness.

Because the output current of driving IC has a long transmission distance on PCB, the voltage drop of the transmission path will be too large, which will affect the normal working voltage of LED and cause its brightness to decrease.

design current value: the nominal current of LED is 20mA, the maximum use current of LED is not more than 80% of the nominal value, especially for the display with small distance between the hands, because of the bad heat dissipation condition, the current value should be reduced.

Mixed Light: the same color different brightness of the LED need mixed light, or according to the design of discrete rules of the illustrations to insert lights, to ensure that the whole screen of each color brightness consistency. If there is a problem in this process, it will appear the display screen partial filling inconsistent phenomenon, directly affect the display effect of LED display screen.

After-sales service system



the whole machine warranty for 1 year, for Life! During the warranty, any parts damaged, we can replace or fix it for free.

Regularly visit customers to understand the use of the situation, collect customer opinions!

Regularly provide customers with the latest production technology and equipment information!



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