LED Light Driver Board Mounting Machine 80000 CPH With Docking Car

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC,SIRA,CE
- Model Number: YT202s
- Minimum Order Quantity: 1PCS
- Packaging Details: WE USE VACUUM WOODEN BOC PACKAGE
- Delivery Time: 5-8 work days
- Payment Terms: L/C, T/T

YT202S Pick and place machine

Product Specification

- Model: YT202s
- Warranty: 1 Year,12 Months
- 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: 80000 CPH
- Type: Automatic
- Usage: Circuit Board Assembly SMT Mounting

YT202
Mounting speed:80000CPH
Dimension:2317*1376*1762mm

Product Description

LED light driver board mounting machine with docking car

Product description
YT202S SMT pick and place machine, The theoretical speed of YT202s is 80000 CPH, First of all, from the appearance of the machine, these two modules are roughly the same. The biggest difference is that yt202s has two mounting heads.
When the machine works, they work for two different PCBs respectively. Two products can be produced at the same time. One side stops working and the other side continues working. They are controlled independently. Very intelligent. the main guide rail of yt202s is also a high-end magnetic linear motor. it has high accuracy.

Feature
The high-precision magnetic linear motor, which is used to improve the stability, speed and accuracy of machine placement.
This is Grating scale, It is a detection device, which determines the accuracy of the head placement to a certain extent.
Drag Chain, The function is to protect the wires from abrasion and prolong the service life of the machine.
Our YT202 pick and place machine has 4 cameras, one module has 2 cameras, It is a flight recognition camera and the Mark camera. This is the flight recognition camera, and this is the Mark camera. Their role is to improve The accuracy of machine placement. This is also one of the reasons why our multifunction machines can mount precision components.
Each placement head of this multifunctional machine is controlled by an independent servo motor, which can mount different components.
our industrial computer, the software is independently developed by ETON, with a Chinese and English operation interface, and the operation is simple and easy to understand.

Parameter

PCB size	Max size:500mm*450mm(single PCB) 500mm*300mm(double PCB) Min size: 50mm*50mm
PCB thickness	0.5-4.5mm
PCB clamping	Cylinder clamping, track width adjustable
No. of camera	4 sets/Bottom vision camera recognition
Repeat precision	± 0.02mm
Mounting speed	80000CPH(Optimum speed)
Components range	Min 0201 ~40*40mm Tape reel packages and IC tray feeder etc.
Position mode	Optical

X-ray inspection in the PCB industry
In recent years, BGA, QFN, CSP, flip-chip and other area array components have been widely used in electronic manufacturing. Such as BGA, compared with other components, it has smaller pin count, inter-pin inductance and capacitance, and better heat dissipation. However, BGA also has shortcomings. For example, after SMT, it is difficult to judge the soldering quality of the solder joints under the package by the naked eye or AOI test.

X-ray equipment is based on the strong penetration of X-rays. The lamp tube emits X-rays under high pressure, which can effectively penetrate the object to be measured. The image performance is diversified due to different density and thickness, so as to realize the detection of solder joints. To ensure solder quality, more and more manufacturers are opting for X-ray inspection of components that hide solder joints.