Visual Camera Pick And Place Machine High Precision Multi Functional Windows 7 System

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Model Number: HT-E8S-1200
- Minimum Order Quantity: 1 set
- Price: FOB USD 49000~59000/sets
- Packaging Details: Our packing is made of wooden box with vacuum package, and we promise to deliver the goods within four weeks after payment.
- Delivery Time: 30 work days after deposit
- Payment Terms: T/T
- Supply Ability: 50 sets per mouth

Product Specification

- Name: Pick And Place Machine
- Dimension: 2550*1650*1550mm
- Nozzles: 8PCS
- Feeders: 30 PCS
- System: Windows7
- Software: R&D Independently
- Warranty: 1 Year
- Highlight: **high speed led mounting machine**, **smt assembly machine**

Product Description

Excellent service economic Automatic Vision cutting led machine

High-speed magnetic linear motor multi-functional pick and place machine, single module, 8 head pasted on the 8 suction nozzles discharge at the same time, the flying camera component identification, maximize placement rate, maximum patch speed 40000 CPH, has exclusive patent technology: electronic feeder feeding system, faster and more accurate, MARK correction, non-stop material re-loading system, save time cost and artificial cost. The maximum size of PCB is 1200*350mm

functional characteristics

1. X axis, Y axis and feeding platform all adopt imported precision screw with high precision to improve equipment operation accuracy and transmission speed;

2. MARK visual correction system, flight recognition visual alignment, taking photos and identifying PCB board positions to ensure patch accuracy.

3. The z-axis of the header is independently controlled by the panasonic servo motor, which can efficiently complete the LED feeding and feeding;

4. Powerful functions: different feeder can be configured to meet the mounting requirements of various LED products.

5, simple operation: Chinese and English graphical interface, easy to operate. Simple programming, can be saved and edited files, arbitrary call;

6. Easy maintenance: simple design and easy maintenance. Low cost of replacement parts, low maintenance cost.

HT-E8S		
PCB	PCB length width	Max:1200*300mm min:100*100mm
	PCB thickness	0.5~5mm
	PCB clamping	Adjustable pressure pneumatic
	Mounting mode	ØGroup to picking and separate to placing ØSeparate to picking and separate to placing
O.S.	system	Windows 7
	software	R&D independently
	display	Touch screen monitor
	Input device	Keyboard , mouse
Vision system	No.of camera	2sets of imported camera Vision for the alignment identification,mark correction
	Mounting precision	0.02mm(repeat precision)
	Mounting height	<36mm
	Mounting speed	40000CPH
	Components space	0.2mm
	No.of feeders station	30PCS
	No.of nozzles	8PCS
	Power	380AC 50HZ
	Power consumption	4KW
	Conveyor transmission	Max length:1200mm
	Transmission speed	>500mm/sec
	Transmission direction	Both direction
	Transmission mode	Auto online drive
	Air pressure	>5.0kg /cm²
	Electrical control	Independent research and development by ETON
	Motion control card module 1set	Independent research and development by ETON
	X,Y,X axis drive way	Servo motor control for X,Y,Z axis
	Feeding way	Electric feeder with double motor

Application

Lamps and lanterns: fluorescent lamp, bulb lamp, ceiling light, panel light, cast light lamp, mining lamp, down light, etc
Lighting: soft light tube, hard tube, advertising module, etc
Pasting class: LED watch pasting

FAQ:

1,How many cameras does the machine have?
There are two sets of imported cameras.Using exclusive patent technology:vision for the flight identification,Mark correction.

2,What is the direction of transmission of machines?
The transmission direction of this machine is both direction.

3. What kind of driving mode does the XYZ axis adopt?
X axis is magnetic liner motor,Y axis and Z axis is servo motor,very good performance and high accuracy.

4. What is the mounting mode?

Group to picking and separate to placing,Separate to picking and separate to placing .

5.Is your software interface in English?

English interface and Chinese interface are both available.

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