



LED LENS PCBA MAKING MACHINE

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CCC/CE
- Model Number: HT-E8S-1200



Product Specification

- Machine Name: Lens Making Machine
- Machine Application: Lens Pcba
- Machine Warranty: 1 Year
- Machine Speed: 45000 Cph

Product Description

LED LENS PCBA MAKING MACHINE

LENS PCBA Making machine

HT-E8S-1200 is ETON top sale lens mounter machine, it has 12 heads, also could customized to 16 heads or more different. For lens mounting, it has blue camera to guarantee the mounting precision.

Manufacturing process

LENS Mounting process have two main steps. One for mounting led chip, another main step for mounting lens.

Machine name	Pick and place machine
Model name	HT-E8S-1200
Application components	LED/SMD IC/Capacitor/Lens/Resistor/RGB/etc
No. of heads	12 PCS
No. of camera	2 PCS
Theoretical speed	45000 CPH
Power supply	3KW
Dimension	2550*1650*1550 MM

Lens size and type

1. High power LED lamp bead silicone lens

- Because silicone has high temperature resistance (can also be reflow soldered), it is often used to be directly packaged on LED chips.
- Generally, silicone lenses are small in size, with a diameter of 3-10mm.

2. High power LED lamp bead PMMA lens

- Optical grade PMMA (polymethylmethacrylate, commonly known as: acrylic).
- Plastic materials, advantages: high production efficiency (can be completed by injection molding, extrusion); high light transmittance (transmittance is about 93% at 3mm thickness); disadvantages: temperature cannot exceed 80° (thermal deformation temperature 92 degrees).

3. High power LED lamp bead PC lens

- Optical grade material Polycarbonate (PC for short) polycarbonate.
- Plastic materials, advantages: high production efficiency (can be completed by injection molding, extrusion); slightly low light transmittance (transmittance is about 89% at 3mm thickness); disadvantages: temperature cannot exceed 110° (heat deformation temperature 135 Spend).

4 High power LED lamp bead glass lens

Optical glass material, advantages: high light transmittance (97%), high temperature resistance, etc.; disadvantages: single shape, fragile, difficult to achieve mass production, low production efficiency, high cost, etc. However, at present, very few manufacturers in China have begun to develop glass molding processes and use mold casting to produce glass lenses, which can produce lenses of various shapes and special surfaces.



LED LENS MAKING MACHINE

*Pick and place machine
Stencil printer machine
Conveyor
Vibrator plate
Lens mounter
Reflow oven machine*

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LED Display



TV Backlight



Household Appliance



IGBT Board



New Energy



Solar Panel



Driver Board



3C Product



FPCB Board



Electrical Board



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