



SMT Line High Efficient Reflow Oven LED Lighting Production Machine

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CE,CCC,SIRA,ISO
- Model Number: ET-R8
- Minimum Order Quantity: 1 set
- Packaging Details: Packing in film package and foam cotton, and covering vacuum bag within sturdy wooden boxes.
- Delivery Time: 30 working days
- Payment Terms: T/T
- Supply Ability: 50 sets per month



Product Specification

- Power Consumption: 7KW
- Application: SMT Production Line
- Total Weight: 1200kg
- NO. Of Heating Zone: Upper 8 Hot Air Heating, Lower 8 Hot Air Heating
- Heating Method: Full Hot Air
- Heating Time: Around 15 Mins
- Conveyor Speed: 0-2000mm/min
- Delivery Method: Mesh Belt Drive + Rail (optional)
- Highlight: Reflow Oven LED Lighting Production Machine, high efficient reflow oven, SMT Line reflow oven



Product Description

SMT line high efficient reflow oven LED lighting production machine

Description

Stable and reliable electrical control system

1. The control system adopts PLC, and the upper computer adopts brand-name computer, equipped with genuine Windows XP operating system and 15-inch LCD monitor to ensure the stability and reliability of control system.

1. The control software is powerful, with flexible process parameter control and temperature curve test functions, and the Chinese and English operation interface can be switched at any time.

2. Use WOGO terminal blocks; all important electrical components are imported brands, and all signal wires are shielded.

3. The temperature module is self-tuning, the cold junction is automatically compensated, and the temperature is controlled at $\pm 1^{\circ}\text{C}$.

Cooling and convenient flux recovery system

1. The forced cooling system adopts two-stage forced air cooling temperature zone to meet the lead-free process; the cooling curve is smooth, without abrupt change, full heat exchange, the slope can be controlled by frequency conversion, the tin point is smooth and bright, and the maximum cooling rate can reach $-5^{\circ}\text{C}/\text{S}$.

2. The flux collection system can keep the furnace clean for a long time, and the exhaust gas emission is more environmentally friendly. The gas separated in the nitrogen furnace can be recycled to save nitrogen.

3. No filter element design, easy to clean.

Technical parameter:	
NO. of heating zone	10 hot air circulation heating zones on the top and 10 hot air circulation heating zones on the bottom.
heating method	Flat-wound heating wire on both sides, pressurized air duct, point-to-point variable frequency motor heat exchange method, variable frequency motor drive
Length of heating zone	3900MM
NO. of cooling zone	2(Natural air cooling system)
Length of cooling zone	1100MM
Conveyor belt width	700MM
PCB size	50-700mm
PCB height	Up:25mm down:20mm max:45mm
Transport direction	left-right(right-left) Optional
Delivery method	Mesh belt +Chain
Conveyor belt height	900 \pm 20MM
PCB transportation speed	0~1.8m/min
PCB temperature deviation	$\pm 2^{\circ}\text{C}$
Temperature control method	$\pm 1-2^{\circ}\text{C}$ (Static)
Temperature control range	Room temperature~350 $^{\circ}\text{C}$ can be set
Applicable solder type	Lead-free solder/leaded solder
Temperature control method	PID+SSR
Types of components used	CSP,BGA, μ BGA,0201chip Single/double panel

Our advantage

ETON is the pioneer of SMT machine field in China which have more than 11 years experiences. And owned CCC, SIRA, CE certificates with 9 invention patents, 112 practical patents, 12 software copyrights of intellectual property technologies.

Oversea market:The products exported to more than 30 countries and regions, including South Korea, India, Vietnam, Tunisia, Egypt,Turkey, Russia, Brazil etc.



Related machine

We can provide a whole SMT production line,led light production line:

1. Pick and place machine
2. Loader machine
3. Conveyor machine

4. Stencil printer machine
5. Reflow oven machine
6. Unloader machine
7. Solder paste mixer
8. Roll to roll led strip light assembly machine



FAQ

Q. Can I pay by L/C.

A. The procedure of L/C payment is complicated, which will waste a lot of time on payment. For more, you need to wait longer to get the machine, which will delay your production plan and delay the opportunity.

Q. Can I use CIF price?

A. CIF price need add the freight and insurance fee, while for the part of EXW which is cheaper and convenient factor as a suitable price for both sides.

Q. What is your machines quality?

A. As an experienced manufacturer in SMT machine, we obtained a number of intellectual property technologies, including 9 invention patents, 112 practical patents, 12 software copyrights, with our won R&D department for production and inspection. And awarded as "China high-tech enterprise", "Shenzhen TOP brand" we ensure our high quality of our machine as an excellent manufacturer in China.

Q. How many hours does the machine can operate per day?

A. Machine can work whole day. But for longer using life, we suggest you to have 1 hour or 2 hours off per day.

Q. Is the machine easy to operate?

A. Yes, our machine is very intelligent and easy to operate, like the intelligent phone, also the software is made by our company, so we know how to make it more intelligent and operate friendly.

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