



High-Precision Temperature Control SMT Reflow Oven Patented Air Management System

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CE, CCC, SIRA
- Model Number: ET-R12
- Minimum Order Quantity: 1 set
- Packaging Details: vacuum adsorption, wooden packing
- Delivery Time: 30 days after receive the down-payment
- Payment Terms: T/T
- Supply Ability: 50 sets per month



Product Specification

- Warranty: 1 Year
- Name: Reflow Oven
- Condition: New, 100% Original, Brand-new
- Type: Automatic
- Usage: Circuit Board Assembly, SMT Mounting Machine, SMD, LED
- Brand: ETON
- Highlight: **High-Precision SMT Reflow Oven, Temperature Control SMT Reflow Oven**



More Images



Product Description

Description of Reflow Oven

Features

1. Windows XP system with English and Chinese is easy to learn how to operate and can be change any time.
2. The digital control system adopted with PLC and Modular circuit to stabilized and accurate of repetitive precision.
3. Intelligent diagnosis system (IDS) has the function of trouble remind, alarm, list-out and saving data.
4. Temperature and blower speed can be controlled independently, to meet the high-precision requirements.
5. Effective heating zone length, the heat conduction in full uniform distribution, greatly improving the heating efficiency.
6. Forced cooling system with efficient cooling speed suits all different kinds of lead-free soldering paste.
7. PLC and PID closed loop control to achieve high precision temperature control and repeatable profiles.
8. Standard 8 couples of up and down zones with patented air management system to make hot air convection more efficient and faster thermal compensation.
9. The rail is dealt with hardened process to make it more stability.
10. The rail width can be adjusted by manual.(option:automatically by SPG gear motor).
11. Chain Rails will be lubricated by central oil reservoir device ,controlled by computer.
12. Strong software system can save all settings and can print all the data and profiles through PC.
13. With flux collecting system to keep inside zones clean and ensures more environmental emission.
14. Nitrogen with machine is option.

Main Parameter

Model	ET-R12	
Heating System	Number of heating zones	UP 12/BOTTOM 12
	Number of cooling zones	2
	Length of heating zones	4600mm
	Heating mode	hot air
	Cooling Mode	Air Oven:Forced air; Nitrogen Oven: Water Chiller
	Exhaust Volume	10m ³ /min * 2 exhausts
Conveyor System	Max. Width of PCB	450mm
	Mesh belt width	500mm
	Transmission Direction	L→R(or R→L)
	Transmission Net Height	900±20mm
	Transmission type	Mesh and chain
	Range of rail width	0-450mm
	Conveyor speed	0-2000mm/min
	Auto/manual Lubrication	standard
	Fixed rail side	Front rail fixed(option: rear rail fixed)
Control system	Components high	Top and bottom 25mm
	Power supply	5 line 3 phase 380V 50/60Hz
	Total power	60kw
	Starting power	58kw
	Normal power consumption	12KW
	Warming time	About 20 mins
	Temp. setting range	Room temperature-300°C
	Temp. control method	PID close loop control & SSR driving
	Temp. control precision	±1°C
	Temp. deviation on PCB	±2°C
	Data storage	Process Data and status storage(80GB)
Nozzle plate	Aluminum Alloy Plate	
Abnormal Alarm	Abnormal temp. (extra-high/extra-low temp.)	
Board dropped alarm	Tower light:Yellow-warming, Green-normal, Red-abnormal	
General	Dimension(L*W*H)	6000×1400×1550mm
	Weight	2800KG
	Color	Computer gray

SMT Production Line

Semi-automatic printing machine: Simple operation, fast printing speed, simple structure, the disadvantages are less controllable points of printing process parameters, low printing alignment accuracy, poor solder paste demoulding, generally applicable to 0603(inch system) above components, lead pitch greater than 1.27 mm PCB printing process.

FULL-AUTOMATIC PRINTING MACHINE: Printing alignment accuracy is high, solder paste demoulding effect is good, printing process is stable, suitable for the printing of close spacing components, the disadvantage is, maintenance cost is high, the knowledge level of the operator is higher.

Packaging

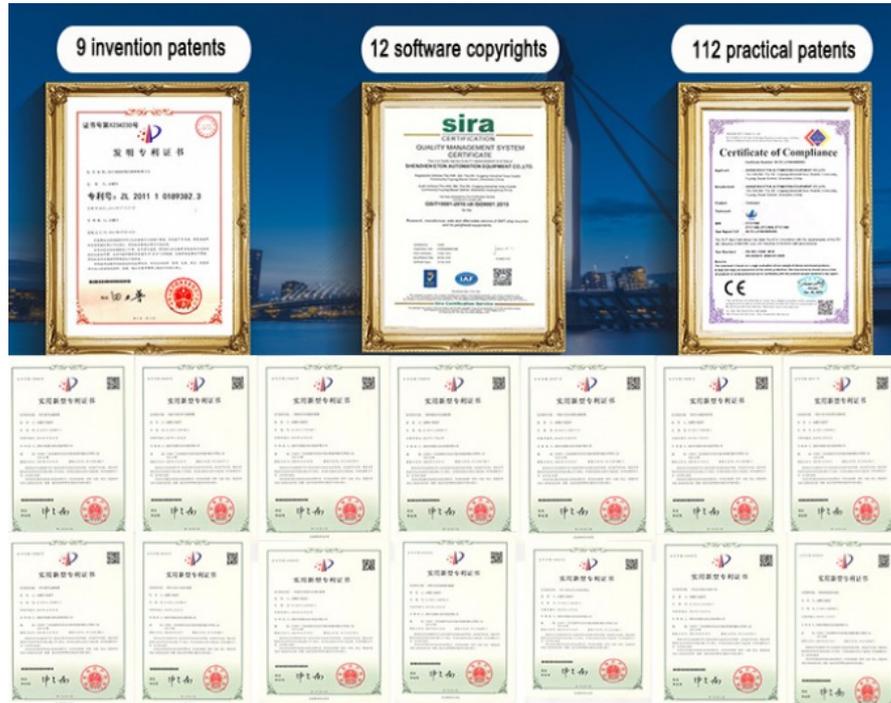
Step 1: Wrap with stretch film to prevent the equipment from.

Step 2: Vacuum paper packaging and moisture-proof bag, so that the machine can be kept dry during transportation to prevent moisture.

Step 3: Use straps and triangular wood to fix the machine to prevent damage to the machine during transportation.

Step 4: Each exported machine will be equipped with sturdy export wooden boxes, to ensure that the delivered product is good.

Certification



We got 9 invention patents, 112 practical patents, 12 software patents.

We are high-tech enterprise with CE, SIRA, CCC, ISO awarded as "Well-know brand" and many technology patents, and have rich experience (more than 8 years) in LED light production line program.

After-sales service

Maintenance period 1 year

One year warranty during warranty any parts that need to be repaired and replaced will be free.

Software and hardware lifetime maintenance

Free upgrade software, the software is Reach and developed by ETON, so we support whole lifetime free upgrade updates.

Visit customers regularly and gather information

Visit clients regularly. We attend the different exhibitions in different cities every year, at the same time, we will visit local clients and support our service and collect feedback on customer suggestions in time.

Provide the latest information about technology and equipment

We give professional technology suggestions to our clients. And share the updated news with our clients

On-site service

We have some official site in India as Mumbai and New Delhi, also have site in Egypt, Turkey that can provide service timely with our engineers. According to your needs, dedicated senior engineer will come to your factory for free install and training you how to operate the machine.

FAQ

what's the minimum quantity of an order for your company?

1 set machine are welcomed to order, mixed orders are also welcomed.

Why choose us?

We are the leading manufacturer of global optoelectronic high-speed pick and place machine, we have more than 10 years experience, Independent offices have been set up in India, Turkey, Egypt and other countries to provide better services.

What's the terms of payment? What about the trade term?

T/T, L/C are OK. 30% pay in advance, the balance before shipment. You can choose EXW Shenzhen.

Can you provide a whole line solution?

Yes, we can, we can supply SMT line and some LED production lines.

Can we customize the machine?

Of course, all of our machines can be customize.

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