



## Surface Mount PCB LED Light Production Line ET-R10 Reflow Oven Machine 58KW

### Our Product Introduction

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#### Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CE
- Model Number: ET-R10
- Minimum Order Quantity: 1
- Price: 15000USD
- Packaging Details: Wooden box
- Delivery Time: 30 days
- Payment Terms: T/T, Western Union
- Supply Ability: 100 Units/ Per Month



#### Product Specification

- Condition: New
- Name: Reflow Oven
- Product Name: ET-R10
- Highlight: led lights manufacturing machine, led light making machine



#### More Images



## Product Description

### Surface Mount PCB LED Light Production Line ET-R10 Reflow Oven Machine 58KW

SMT is surface mount technology (short for Surface Mount Technology) and is currently the most popular technology and process in the electronics assembly industry.

SMT includes surface mount technology, surface mount equipment, surface mount components, and SMT management. Features: high assembly density, small size and light weight of electronic products. The size and weight of patch components are only about 1/10 of that of traditional plug-in components. After SMT is generally used, the volume of electronic products is reduced by 40%-60%, and the weight is reduced by 60%. %~80%. High reliability and strong anti-vibration ability. The solder joint defect rate is low. High frequency characteristics are good. Reduced electromagnetic and radio frequency interference. Easy to automate and increase productivity. Reduce costs by 30% to 50%. Save materials, energy, equipment, manpower, time, etc.

A whole Automatic SMT line include Automatic printer, conveyor, pick and place machine and reflow oven



So what is the reflow oven?

Due to the need for miniaturization of electronic product PCB boards, chip components have emerged, and conventional soldering methods have been unable to meet the needs. At first, only the reflow soldering process was used in the assembly of hybrid integrated circuit boards. Most of the components to be assembled and soldered were chip capacitors, chip inductors, mounted transistors and diodes. With the development of SMT technology, a variety of SMCs and SMDs have emerged as part of the placement technology. The reflow process technology and equipment have also been developed accordingly. Already applied in almost all electronic products.

Model	ET-R10	
Heating System	Number of heating zones	Up 10/ bottom 10
	Number of cooling zones	2
	Length of heating zones	3700mm
	Heating mode	Hot air
	Cooling Mode	Forced air cooling
	Exhaust Volume	10m³/min * 2 exhausts
Conveyor System	Max. Width of PCB	400mm
	Mesh belt width	450mm
	Transmission Direction	L→R(option: R→L)
	Transmission Net Height	900±20mm
	Transmission type	Mesh and chain
	Range of rail width	50-400mm
	Conveyor speed	0-2000mm/min
	Auto/manual Lubrication	Standard
	Fixed rail side	Front rail fixed(option: rear rail fixed)
	Components high	Top and bottom 25mm
Control system	Power supply	5 line 3 phase 380V 50/60HZ
	Total power	58KW
	Starting power	50KW
	Normal power consumption	10KW
	Warming time	20 mins
	Temp. setting range	From room temp. To 300
	Temp. control method	PID close loop control & SSR driving
	Temp. control precision	±1
	Temp. deviation on PCB	±2
	Data storage	Process Data and status storage(80GB)
	Nozzle plate	Aluminum Alloy Plate
General	Abnormal Alarm	Abnormal temperature (extra-high/extra-low temperature)
	Board dropped alarm	Tower light: Yellow-warming, Green-normal, Red-abnormal
	Dimension(L*W*H)	5400*1320*1490mm
	Weight	2300kg
	Color	Computer gray

Shenzhen Eton Automation Equipment Co., Ltd located in 44th, Building, 5th.Cuigang Industrial Area, Fuyong, Baoan District, Shenzhen, China. Eton company focus on building national brand and concentrate on providing customers professional guidance, good quality machines, good sale services of automatic SMT machines.

With the rapid development of the LED industry, ETON focuses on R&D and continuously enhances the competitiveness of its placement machines. Now we have successively reached strategic cooperation with many domestic and foreign companies. And has achieved everyone's unanimous recognition and praise. In the field of high-speed placement machines has become a leading Chinese brand.



If you have the requirement welcome to contact me.



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