



SMT Reflow oven with 8 temperature zone Welding with hot air 450mm (mesh)

Basic Information

- Place of Origin: China
- Brand Name: ETON
- Certification: CCC CE SIRA
- Model Number: ET-R8
- Minimum Order Quantity: 1 SET
- Packaging Details: Vacuum wooden box
- Supply Ability: 50 PCS/month



Product Specification

- Name: Reflow Oven
- Warranty: 1 Year
- Length: 5000mm
- Width: 1000mm
- Height: 1500mm
- Total Weight: 1500kg



Product Description

SMT Reflow oven with 8 temperature zone Welding with hot air

Product description

Reflow soldering oven is an important part of SMT. Generally speaking, the process of SMT is that PCB bare board is printed by solder paste printer, SMD components are placed on PCB board by SMT pick and place machine, and finally the reflow soldering oven uses the melting point of solder paste for permanent welding, which plays an important role in forming permanent solder joints between SMD components and PCB board.

Feature

<p>1All temperature zones are heated separately up and down, independent hot air circulation, independent temperature control, and the temperature control accuracy of each temperature zone is ± 1.</p>
<p>2Modular heating structure can effectively prevent the influence of airflow in the temperature range, ensure that the components are heated evenly, and the lateral temperature deviation is $< \pm 2$.</p>
<p>3The opening of the upper furnace body adopts pneumatic jacking, which is safe and reliable and convenient for furnace cleaning.</p>
<p>4Special long-life nickel-nosed heating wire type heat source, abundant power, rapid heating, less than 20 minutes from room temperature to constant temperature.</p>
<p>5Adopting imported high-speed air-carrying motor direct drive for thermal cycle, low noise, low vibration and high thermal cycle efficiency.</p>
<p>6It adopts Panasonic PLC industrial control products to control the upper and lower computer, which has first-class stability.</p>
<p>7It has a delay switch protection function to prevent the transmission parts from deforming due to uneven cooling.</p>
<p>8It has a power-off protection function to ensure the normal output of the PCB board without damage after power-off.</p>
<p>9With over-temperature sound and light alarm and emergency braking system.</p>
<p>10Simplified and traditional Chinese MMI operation interface and artificial intelligence software control, which greatly facilitates the use of users</p>
<p>11It has a complete online temperature test curve and analysis, storage, recall and printing functions.</p>
<p>12Dedicated temperature acquisition module, high accuracy and fast speed, with cold junction compensation function.</p>
<p>13The temperature collection adopts the RS-485 interface, which is convenient for remote device temperature monitoring.</p>
<p>14With timing automatic shutdown function</p>
<p>15Host computer control, computer can be cut off, independent control, computer operation, convenient man-machine dialogue, clear interface, intuitive image, can switch between Chinese and English at any time, and various parameter settings realize accurate and fast numerical input</p>
<p>16Using PLC control, the temperature control is stable and accurate, and the temperature of each temperature zone is individually controlled.</p>
<p>17Imported high-quality high-temperature-resistant motor with good structure and good heat dissipation to ensure its service life and reliability. The direct connection mode connects the wind wheel with a speed of up to 2800rpm to provide sufficient hot air flow.</p>

Parameter

Machine model	ET-R8	
Heating system	Number of heating zones	Upper 8 hot air heating, lower 8 hot air heating
	Length of heating zone	3000mm
	Heating method	Hot air
Delivery system	PCB maximum width	450mm (mesh)
	Transport direction	Left to Right or Right to Left
	Conveyor belt height	Mesh belt 880 \pm 20mm
	Delivery method	Mesh belt
	Conveyor speed	0-2000mm/min
Control System	Power supply	5 line 3 phase 380V 50/60Hz
	Starting power	28KW
	Normal working power	7KW
	Heating time	About 15 minutes
	Temperature control range	Room temperature 350
	Temperature control method	PID control + SSR drive
	Temperature control accuracy	± 1
Whole machine system	Abnormal alarm	Abnormal temperature alarm
	Dimensions (length*width*height)	5000*1000*1500 mm
	Machine weight	1200 kg

SMT line

The general wiring sequence in SMT is solder paste printer, SMT Pick and place machine and reflow soldering oven.

HT-E8S-1200 Semi-automatic Production Line Layout



Shenzhen Eton Automation Equipment Co., Ltd.



0086 13670197725 (Whatsapp/Wechat)



linda@eton-mounter.com



smtmountingmachine.com

HENGFENG INDUSTRIAL AREA,ZHOUSHI ROAD NO. 739,HEZHOU COMMUNITY,HANGCHENG STREET,BAOAN,SHENZHEN,CHINA