



Top Lead Free SMT Reflow Oven High Precision Temp Control With Ten Heating Zones

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: ETON
- Certification: CE,ISO.CCC
- Model Number: HT-R10
- Minimum Order Quantity: 1 unit
- Price: USD 1000-10000
- Packaging Details: vacuum wooden packing
- Delivery Time: 1-2 weeks
- Payment Terms: T/T, Western Union
- Supply Ability: 50 unit per month



Product Specification

- Name: Reflow Soldering Machine
- Certification: CE ISO CCC
- Warranty: 1 Year
- Product Name: SMT 6 Zones Reflow Oven
- Function: Reflow Oven
- Highlight: **smt reflow machine, smt reflow soldering**

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Product Description

Top lead free reflow oven with ten heating zones

Function :

Reflow soldering is mainly used with SMT process technology, in the SMT process, is the main purpose of reflow soldering will stick with components of the PCB board inside the orbit of reflow welding machine, after cooling, heating, heat preservation, welding, solder paste from cream after high temperature into a liquid, then through cooling into solid form, so as to realize the role of SMD electronic components and PCB welding.

Introduction:

The brand computer and Siemens PLC intelligent control system, high precision temperature control is $\pm 1-2$ (if the computer crash accident, it can realize off-line work, do not affect production) and to ensure that the control system is stable and reliable;
Windows XP operating interface with powerful and simple operation.
In order to ensure safety and reliability, the cylinder body can be lift up automatically.
Device is equipped with mesh belt, transport smoothly, no shaking and no deformation, which ensure smooth PCB transport. Synchronous guide transmission mechanism and automatic SMT machine online connection ensure that guide adjustable wide precision and high service life.
Automatic control lubrication system and automatic lubrication transmission chain.
All heating zone control by computer PID(upper temperature zone and lower temperature zone implementation independent temperature control, that means it can divide temperature area heat, in order to reduce starting power)
Net/chain transmission by computer to carry out the whole closed loop control, which can meet different kinds of PCB production at the same time.
With fault sound and light alarm function.
With leakage protector, ensure that the operating personnel and control system security.
The built-in UPS and automatic delay shutdown system guarantee return welder in power or overheat do not damaged PCB and the machine.
The German ERSA world leading microcirculation heating mode, and the upper and lower independent air microcirculation system, temperature uniformity and thermal compensation high efficiency, high efficient supercharged accelerated air duct, greatly improve the circulating hot air flow, heat up temperature quickly (about twenty minutes), thermal compensation for high efficiency, high temperature welding and curing;
The upper and lower every temperature zone with independent temperature inductive sensor, real-time monitoring and compensation every temperature zone balance;
Have password administration of the operating system, to prevent the irrelevant personnel changes to the process parameters, operation records management traceability process parameters change process, improve the management convenient. For storing user existing temperature speed setting and Settings of the temperature curve, and can be used for all data and curve printing;
Integrated control window, the computer switch, test curve, print curve and data transmission are easily operation, humanized design. Equipped with three-channel temperature curve online testing system, may at any time to check welding objects by the actual temperature curve (without the other match temperature curve tester);
From international technology quick cooling system, use a magnifying glass type efficient rapid cooling, cooling speed can reach $3.5 \sim 6$ / SEC, management is very convenient; The outer forced cooling device, ensure that spot crystal effect (Option selected items, the standard configuration for forced natural air cooling).

Specification:

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	10m ³ /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
	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

Control system	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
	Abnormal Alarm	Abnormal temperature (extra-high/extra-low temperature)
	Board dropped alarm	Tower light: Yellow-warming, Green-normal, Red-abnormal
General	Dimension(L*W*H)	5400*1320*1490mm
	Weight	2300kg
	Color	Computer gray

Company profile :



ShenZhen ETON Automation Equipment Co.,LTD.is a leading manufacturer of automatic SMT machine.In 2011,set up ShenZhen Eton Automation Equipment Co.,Ltd.In 2011,HT-12 series began selling.In 2011,HT-E3 was complete research and development (Eton 3 generation machine).

Project Cases :



Our Services

1. offer detail manual user .
2. customer to our factory study and training .
3. offer overseas service : can send engineers
4. to customer factory for install



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