

I.C.T S Series Lead Free Reflow Oven



Introduction:

S series lead-free reflow oven is cost-effective welding equipment produced by I.C.T, mainly to deal with the application of small household appliances, LED, power panels and other products. S series reflow oven has won the favor of many customers for its high performance.

Features:

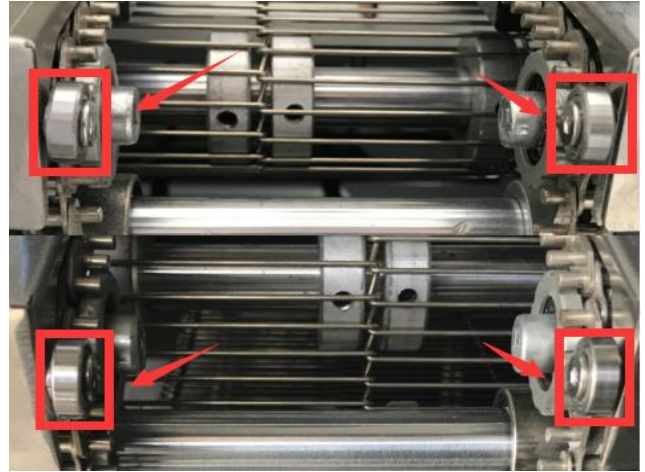
1. Control system: Computer or Instrument control, make sure machine working steadily;
2. Hot air heating: Both top and bottom zones hot air heating, good heater compensatory. High thermal efficiency, energy saving, speedy heating, suitable for soldering components like BGA, CSP etc. Special forced hot air circulation structure makes PCB and components heat evenly;
3. PID intelligent precision controller, automatically control heating volume, fuzzy control function changes the external heating fast, and by internal control ensures more balanced temperature;
4. Use imported big current solid relay, without touch point output, safe, reliable, with special SSR radiator, greatly improve thermal efficiency and lifetime;
5. Temperature protection: I.C.T using third-party over-temperature protection, multiple layers protection to ensure safe operation;
6. Products comply with CE, CCC, UL and other standard or specifications;
7. User-friendly design: fault detection (such as heaters abnormal alarm, etc.), regular maintenance reminders, the economy functions and tool-free maintenance, reducing equipment failure rates;
8. With independent wheel support structure and even support, combined with a stainless steel mesh conveyor, steady running;
9. Transmission system use imported motors, speed adjuster, smoothly running;
10. Main parts: Imported main parts ensure equipment runs smoothly and lower the maintenance cost;
11. Special durable stainless steel mesh belt, not out of shape with long term use.

TOP Advantage:

1. Simple: Combined with advanced international concepts, based on the Oriental-designed operating system, easy to understand, easy to learn, easy to maintain;
2. Expertise: Learn imported reflow oven's advanced design concepts, and the machine core components are using imported top brands;
3. Hedging: Import hardware configuration, low failure rate in production, more than a decade service life;
4. Safety: Based on the general rules of international design, close to imported reflow rating, the highest security level;
5. Stable: Mature software, hardware and top production processes ensures stability of each equipment.



The use of electric struts facilitates the maintenance of the equipment and increases the safety of opening the furnace cover.



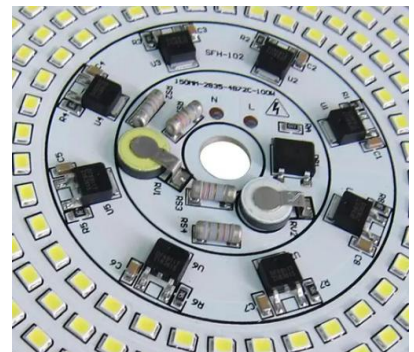
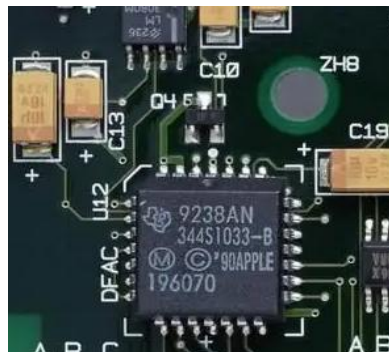
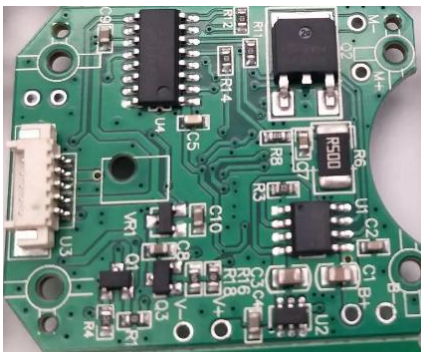
The import and export have added bearings, eliminating the situation of import and export card boards.



In and out board sensor monitoring, matching software board drop function detection, to prevent PCBA damage caused by reflow oven.



Under the condition of ensuring the length of the welding area, there are external fans at the bottom of the exhaust port and the outlet to cool the PCBA.



Application Product Display

Specification:

Specifications	I.C.T-S6	I.C.T-S6D	I.C.T-S8	I.C.T-S8D
Dimension	3400*900*1350mm		4150*900*1350mm	
Weight	Approx.739KG		Approx.850KG	
Number of Heating Zones	Top6/Bottom6		Top8/Bottom8	
Length of Heating Zones	2300mm		2600mm	
Power for Warm Up	32KW		38KW	
Power Consumption	5KW		6KW	
Transmission Agent	Mesh	Mesh+Rail	Mesh	Mesh+Rail
Fixed Rail Side	N/A	Front (Option: Rear)	N/A	Front (Option: Rear)
Control System	Instrument	PLC+Computer	Instrument	PLC+Computer
PLC	Siemens			
Rail Width Adjustment	M			
Conveyor Direction	L→R (Option: R→L)			
Exhaust Volume	10M ³ /min*2 Exhausts			
Electric Supply Required	3phase, 380V 50/60Hz			
Warming Time	Approx.25 minute			
Temp. Setting Range	Room Temp.~300°C			
Oil Supply	A and M (Multi mode)			
Cooling Method	Fan (Option: Forced-Air Motor)			
Max.Width of PCB	Rail: 350mm, Mesh: 400mm (Option: Rail: 460mm)			
Temperature Deviation	±1.0°C			
Conveyor Height	900±20mm			
Length of Cooling Zones	300mm			
Conveyor Speed Range	300~2000mm/min			
Ups	Standard			
Temperature Control Method	PID+SSR			
Max. Temp. Gap Setting	40°C			
Process Data&Status Storage	Standard			
Temperature Alarm	Standard			

Configuration:

Name	Brand	Note	Name	Brand	Note
Computer	Lenovo	China	Binding post	Phoenix	USA
Display	Lenovo	China	Light button	Schneider	France
PLC	Siemens	Germany	Buzzer	Koino	Korea
Solid Relay	CARLOGAVAZZI	Switzerland	Frequency converter	Delta	Taiwan
Contactora	Schneider	France	Oil cup	Xinrong	China
Wire	Jin Longyu	China	Fuse	DELIXI	China
Air switch	DELIXI	China	Button	Schneider	France
Power Supply	MW	Taiwan	UPS	STK	China
Transmission motor	Panasonic	Japan	High Temp. Wire	Hotset	Germany
High temperature fan	Sanyue	Taiwan	Fan	Jianzhun	Taiwan

Guide rail	I.C.T	China	Mesh	TSUBAKI	Japan
Chain shackle	KMC	Taiwan	Gear box	Panasonic	Japan

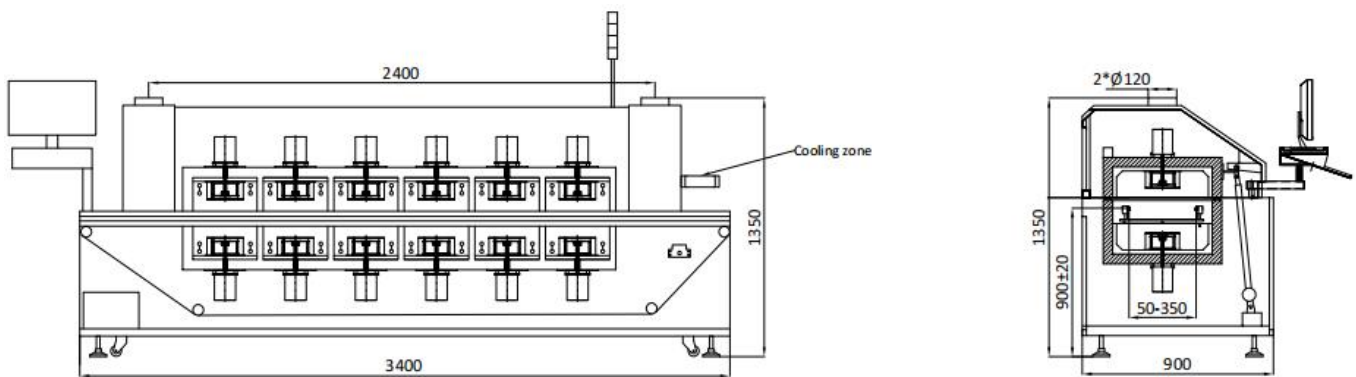
Standard Accessories:

No.	Item	Quantity
1	Computer	1 set
2	Operation Software	1 set
3	Fuse	1 pcs
4	Relay	2 pcs
5	Solid State Relay	1 pcs
6	K-type Test Line	1 pcs
7	Manual	1 book
8	Tool Case	1 set

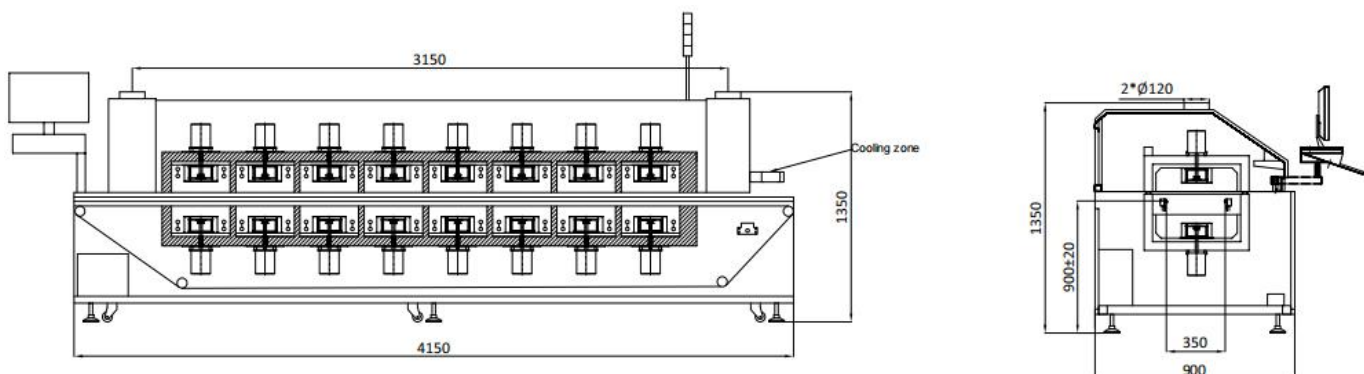
*Attachments may change with product upgrade. If different, please follow the new list.

Dimensions:

S6D



S8D



* I.C.T keeps working on quality and performance, specifications and appearance may be updated without particular notice.

Thanks for choosing I.C.T.
I.C.T looks forward to win-win cooperation.
Thank you.