

I.C.T IR Curing Oven

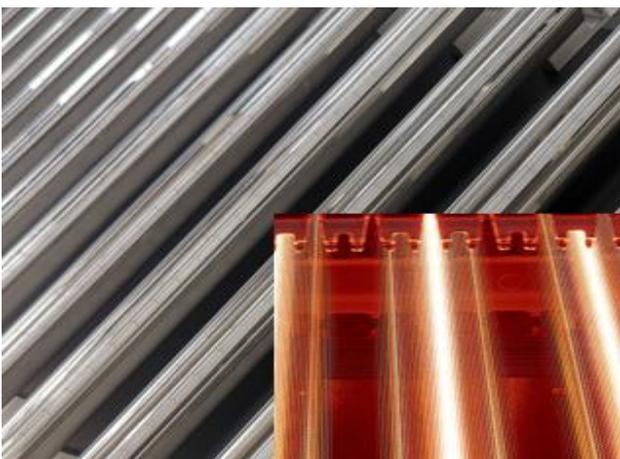


Introduction:

The IR oven is cost-effective curing oven produced by I.C.T, mainly to deal with the application of glue curing. Anti-corrosion paint dry.

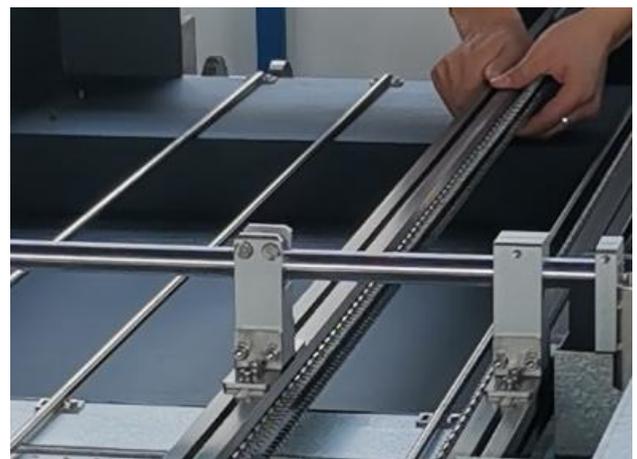
Features:

1. Control system: PLC+touch screen or PC control optional, make sure machine working steadily;
2. IR heating: top zones IR heating, good heater compensatory, high thermal efficiency, energy saving, speedy heating, temperature accuracy $\pm 1.5^{\circ}\text{C}$, room temperature settling time less than 20 minutes;
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. 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. Independent cooling area ensures the low temperature when PCB comes out;
8. Transmission system use imported motors, speed adjuster, smoothly running, adjustable speed at 0-2000mm/min;
9. I.C.T design makes temperature from each zone is not influenced by neighbour to ensure accurate temperature curve, to achieve high adaptability;
10. Using zero gas source design, furnace cover with motor lifting, safety rod support, providing significant security;
11. Special durable rail not out of shape. Central support, dual transmission, external water cooling system is optional.



IR system

Modular design, convenient for maintenance, imported IR heating pipe, uniform heat, bottom stainless steel reflection, low heat loss of sealed furnace.



Transport system

Special transmission structure, hardening treatment, load-bearing treatment, no deformation of guide rail, able to deal with products of various materials and weights.

Main Materials:

No.	Item	Brand	Original
1	PLC	Panasonic	Japan
2	Touch Screen	Samkoon	China
3	Motor	JSCC	Taiwan
4	Bearing	NSK	Japan
5	IR Tube	SANYUE	Taiwan
6	Power	MW	Taiwan

Specification:

Item	I.C.T-IR3	I.C.T-IR4
Photo		
Transport	Rail	Rail
Control System	Touch screen+PLC	Touch screen+PLC
Heating Mode	IR (Hot air option)	IR (Hot air option)
Conveyor Speed	100~3000mm/min	100~3000mm/min
Number of Heating Zones	Up3/Bottom0	Up4/Bottom0
Bottom Heating	Option	Option
Length of Heating Zones	2200mm	2800mm
Warming Time	Approx. 15minute	Approx. 15minute
Power for Warm Up	15KW	18KW
Power Consumption	6KW	8KW
Temperature Deviation	±1.5℃	±1.5℃
Transport High	900±20mm	900±20mm
Max PCBA Height	±100mm	±100mm
Max Width of PCBA	460mm	460mm
Conveyor Direction	L→R (Option: R→L)	L→R (Option: R→L)

Exhaust Volume	10M ³ /min*2 Exhausts	10M ³ /min*2 Exhausts
Electric Supply	3phase, 380V, 50/60Hz	3phase, 380V, 50/60Hz
Dimension (L*W*H)	3000*1150*1200mm	4000*1150*1200mm
Weight	Approx. 650KG	Approx. 850KG

* 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.