



iCure - Curing Oven Series

Infrared (IR) Curing Ovens

Application:

iCure is a compact, inline Infrared (IR) curing module suitable for high volume, rapid curing of heat curable coatings, adhesives, and inks.



Standard Features:

- PLC + Touch screen control
- Edge carrying, variable speed pin chain conveyor
- Multiple, Independently controlled Infrared (IR) Heat zones operation
- Rail expansion compensation
- SMEMA communication protocol
- 100mm top and bottom side component clearance
Includes two nozzles
- Thermal couple process control
- Independent heating zones

iCure - Curing Ovens Series Specifications			
Model	iCure 2	iCure 3	iCure 4
Dimensions LxWxH (mm)	2000x1070x1180mm	3000x1070x1180mm	4000x1070x1180mm
Control System	PLC + Touch Screen		
Working Height	900±20mm		
Transfer Mode	Conveyor + Chain		
Width Adjust Range	50 ~ 500mm		
Transfer Direction	L - R		
Max Transfer Speed	3m/min		
Transfer Motor	60W (with gear reduction box)		
Heating Zone Qty.	2	3	4
Each Heating Zone Power	3000W per zone		
Temperature Stabilization Time	~10 min		
Temperature Control Range	Room ~ 150°C		
Temperature Control Accuracy	±5°C		
Power Supply	3 Phase 208VAC, 380VAC, 415VAC, 480VAC 50/60Hz		
Power	7kW	10kW	13kW