

# The Model TC241



The Model TC241 is a low cost curing system designed for a variety of products which include: Silver Paste, Conductive and Legend Inks, LPI and Peelable Solder Masks.

## Technical Features

- *Single Zone System*
- *Multiple Curing Capabilities*
- *2-year Lamp Life at 2 Shifts per Day*

- Conveyor Width: 25" working
- Conveyor Working Height: 36" adjustable
- Conveyor Drive Assembly: AC Motor Driven
- Power Requirements: 208-240 VAC, 3 Ph, 60Hz
- Power consumption: 50 amps, 21 kw @ 100% output
- Required Exhaust: 800 CFM, 8" Duct
- Construction: 304 Stainless steel
- Control: Analog
- Heating: High Density Infrared Quartz Lamps
- Dimensions: 71"/1803mm L x 38"/965mm W x 57"/1448mm H

Specifications are subject to change without prior notice

## Standard Features

### OPERATIONS PARAMETER DISPLAY

Adjustments for the conveyor speed, power settings of cure zone. The control panel will display the actual speed of the conveyor, power settings and the actual temperature of the PCB being cured.

### CONVEYOR

Constructed of number 304 stainless steel. The conveyor is driven by AC motor and is adjustable to run between 0 to 6 FPM.

### INFRARED QUARTZ LAMP

This is the heart of the system. The type of lamps used in the system are very efficient. Warm up time of the system is less the 30 minutes! The lamps are operated and adjusted via SCR controllers.



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