

ROBOTHERM

Robotics and Thermal Process Solution for Electronics Assembly,
Semiconductor Packaging and Engineered Products industries



INFRARED CURING OVEN

FP 035 SERIES

Lead Frame Model

APPLICATIONS

Curing & Drying

- Conductive, Non-Conductive Polymer
- Die-Attach
- Glob top, Encapsulant
- Resins, Epoxies, Glue, Adhesives
- Underfill

STANDARD FEATURES & BENEFITS

Graphic Interface Software,

- Computerized control of Heating and Conveyor Systems
- Real Time, multi-point recording of product time/temperature thermal curve
- On-Screen Profiling

Robotherm® Dual Belt Conveyor System

- In Line Transport System
- Adjustable speed
- Vibration free
- Absolutely no oiling required
- Adjustable working width from 16 to 43 mm

Robotherm® Infrared Emitters

- Unic Embedded Heating & Cooling Systems
- Medium-to-Long Wave Spectrum
- Maintenance free
- Operating Temperature : up to 350°C
- 4 Individually Controllable Heating Zones
- 2 individually Controllable Emitters per Zones
- Peak temperature repeatability to within +/-1%
- Over temperature protection
- Automatic control for Substrate Integrity

Cooling System

- 1 forced Air Cooling Zone

Atmosphere & Gas Flow Management System

- Air Injection
- Excellent zones separation
- Highly stable temperature environment
- Gas injection per zone
- Exhaust System
- Turbulence Free

Ideal for processing products mounted on Lead Frame

Stable and Reproducible process

Cleanroom Compatible

Optimal accessibility for service and maintenance

Durable low maintenance design for maximum "uptime"

Common European (CE) Product Safety Certification
SMEMA Compliant

In Robotherm's policy for continuous improvement, specifications can change without prior notice