

Post Mold Cure Oven

The **Post Mold Cure Oven** is a fully automated system, which consists of 10 hot chambers & 1 cold chamber. The system is capable of automatically handling products in STACKED magazine as well as In-Line. Individual temperature controlling and monitoring for each chamber are achieved by PC control system. The **Post Mold Cure Oven** is an accurate handling system with reliable temperature control.



Specifications:

Chamber Dimensions

- Internal: 275 (L) X 163 (W) X 490 (H) mm³
- External: 330 (L) X 240 (W) X 540 (H) mm³

Control System

- PC control platform
- LCD screen

Inspections

- Temperature inspection
- Over-temperature Protection
- Individual chamber temperature monitoring

Handling System

- Chamber door auto-open and close
- Pre-loading protection feature
- 3 axes auto-Pick and Place
- Stack magazines loader

Temperature Control

- Temperature range: 250°C
- Temperature uniformity: $\pm 5^\circ\text{C}$
- Temperature stability: $\pm 1^\circ\text{C}$
- Heat up rates: < 20 mins (ambient to 200°C)

Machine Footprint

- 3,425 (L) X 1965 (W) X 2,070(H) mm³

Standard Platform Weight

- Approx. 1500 Kg

Facilities Requirement

- Power supply: 3-phase, 415 VAC, 50/60 Hz
- CDA: 4-6 bar

Air Inlet: Ø12 mm tube

UNIQUE FEATURES & ADVANTAGES



PC Control System



Auto-Pick and Place



Hot & Cold Chambers

- High Throughput.
- 10 Individual temperature control/monitor chambers and 1 cold chamber.
- Fully automated handling systems, automatic chamber doors opening & closing.
- Capable of automatic handling (load & unload) products in STACK magazines as well as in line.
- Each chamber manufactured from polished stainless steel with double skin construction to ensure high heating efficiency.
- Low thermal mass insulation material sealed between inner and outer chamber.
- Fan assisted air circulation by enclosed fan ventilated motor.
- Adjustable chamber ventilation to exhaust any fumes.
- User-friendly Machine interface. Easy to learn with very simple training.
- Modular design, Repeatability and Accuracy, Quick and Easy Maintenance minimizes machine downtime.
- Result is a more Cost-Effective Solution and Low Cost of Ownership for high volume manufacturing with improved Quality, Reduced Cost, Productivity improvement.



Un-Loader

Major Target Users

Semiconductors, Electronics and others.

**Manufacturer of Customized Automated Equipment
Technology. Customization. Globalization. People**
Providing flexible, innovative and low cost automation solutions



FA SYSTEMS AUTOMATION (S) PTE LTD



110 Steamwhistle Drive
Ivyland, PA 18974
215.355.2460 Phone
215.355.7365 Fax