

CURING OVEN

HIGH PERFORMANCE CURING SOLUTIONS

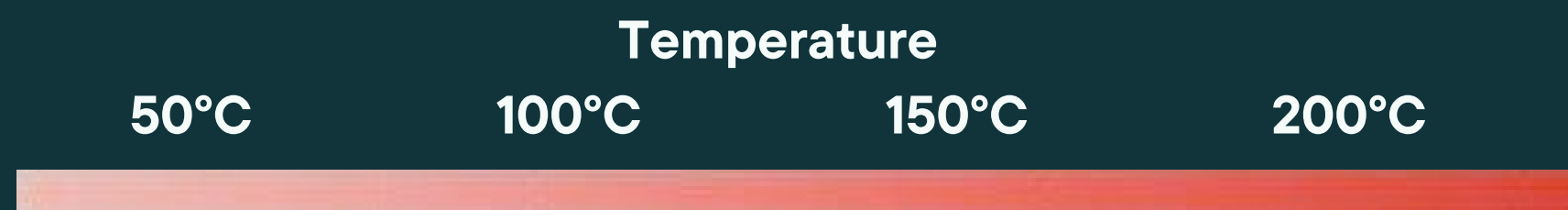
Introducing our design Curing Oven, engineered to provide precise and efficient heating solutions for a variety of applications. Designed with safety, flexibility, and performance in mind, our oven is perfect for operations requiring reliable, consistent results. Suitable solutions for different capacities and temperature ranges are available in both Conformal Coating and Thermal Systems.

Technical Specification

- **Robust Construction**
 - The frame is welded for enhanced durability and stability.
 - Insulated housing made of steel panels, ensuring a maximum surface temperature of 45°C.
- **Efficient Cycle Time**
 - Fast cycle time of 40 seconds per product, optimizing productivity.
- **Different Types and Capacities**
 - V type Vertical
 - H type Horizontal



- **Adjustable Temperature Settings**
 - Temperature tolerance: ±5%



- **User-Friendly Design**
 - Suitable for manual loading and unloading, with 1 shutter designated for both operations.
 - A Safety Light Curtain is installed at the load and unload shutter to ensure maximum security.
- **Advanced Heating Zones**
 - Features a single heating zone with changeable gondolas, each with adjustable heated positions.
 - Includes one or more load/unload positions, providing flexibility and convenience.
- **Superior Insulation**
 - Insulation panel with a minimum thickness of 100 mm for enhanced energy efficiency.

- **Precision Air Regulation**

- Air supply volume regulated by a frequency transformer, ensuring precise control.
- Spiral housing design increases air supply efficiency, reducing energy consumption.

- **Direct Heating Mechanism**

- Nozzle cases enable direct heating of parts for optimal performance.
- No cooldown of parts required before removal at the unload station.

- **Air Management System**

- Equipped with air ducts for efficient supply and return of air.
- Supply air unit comes with a fan and heater, alongside a security temperature switch.



- **Accurate Temperature Control**

- PT100 sensor for precise temperature control and regulation.
- Heating source is electrical energy, providing consistent and clean heat.

- **Intellectual Property Rights (IPR)**

- The product is approved for intellectual property rights under code 2024/004852 by TURK-PATENT.



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