| Product name: | Product code: |
| --- | --- |
| Thermal Stability and Shrinkage Test Oven for PET Bottles | CMI-IND-0529 |




## Description

Forced-air oven that heats PET bottles at set temperature for a fixed time to measure dimensional shrinkage and distortion. Used by hot fill and aseptic bottle producers to verify heat set performance.

## Technical specification

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|---|---|
| Controller | PID digital with timer |
| Capacity | 150 litre |
| Interior | SS 304 |
| Shelves | 3 adjustable |
| Power supply | 230 V AC, 50 Hz, 2 kW |

**Standard Accessories**

- Perforated shelves
- Height measuring jig

Bottles are placed on a perforated shelf at 60 to 90 deg C and kept for the specified time, then cooled and measured for height, diameter and volume change. The oven has a uniform air flow for repeatable ageing. Hot fill makers use it to qualify heat set grades.

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**Features**

- Uniform forced-air circulation
- Digital PID control with timer
- Stainless steel interior and 3 shelves
- Door with viewing window and safety thermostat
- Range suited to heat set bottle trials up to 120 deg C

**Technical Specifications**

| | |
|---|---|
| Application | Thermal shrinkage and distortion of PET bottles per customer hot fill specification |
| Temperature range | Ambient +10 to 150 deg C |
| Temperature uniformity | +/-1.5 deg C |