

# Hot Air Oven

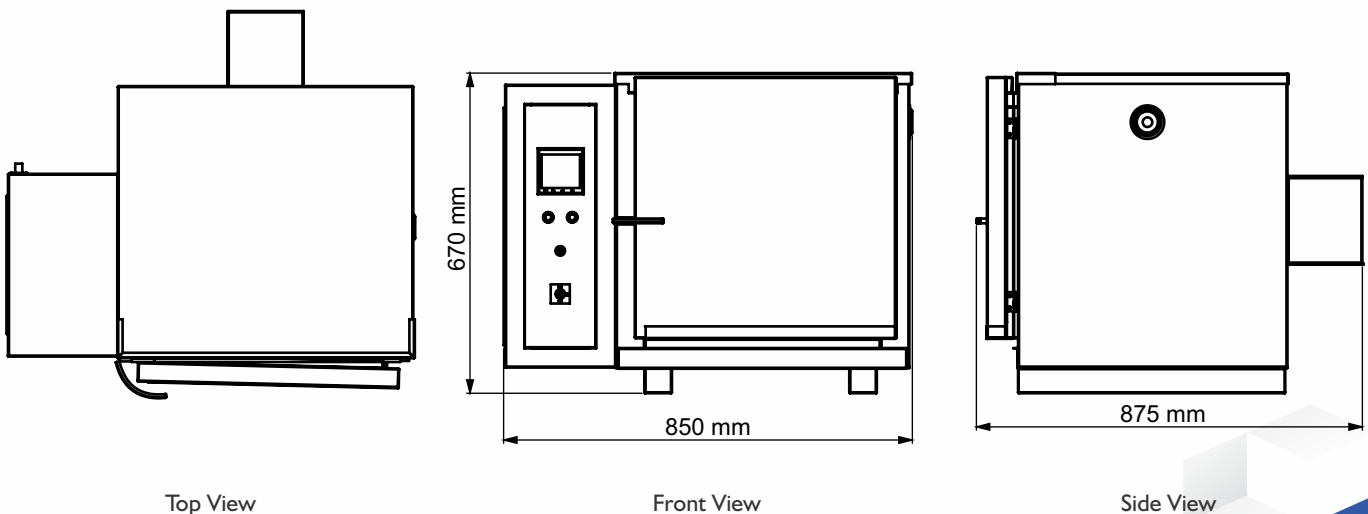


## Model No. PSO - 451

**Hot Air Oven** is a unique test cabinet designed to detect the change in the physical characteristics of material and to ascertain the actual working life of testing device at elevated temperature.

Available in Digital Models with Timer facility also and various capacities and temperature range.

- Temperature control through PT-100 sensor
- Highly accurate test results under uniform temperatures in the chamber
- High Grade imported Glass Wool insulation
- Maximum Thermal Efficiency by insulation means.
- Advanced Digital Microprocessor & PID based temperature controller
- Inbuilt Auto tuning function
- Provision to set PV and SV value
- Equipped with rapid air circulation German Imported fan for uniform and homogenous heating and maintaining temperature inside the chamber
- Vent for forced air changes and calibration facility
- Inbuilt Calibration feature with reference to master PID controller
- Bright LED display
- Setting to RTD PT-100 sensor through advanced PID controller
- Feather touch controls



Works on Forced air circulation, thermal convection principle, performs various types of tests like ageing, heat deformation, compression set, heat resistance required in rubber and plastic industries. The Hot Air Oven comes with air circulating fan for maintaining heating efficiency.

**Key Specifications:**

|                        |   |
|------------------------|---|
| Size                   | 455x455x455 mm (18" x18" x 18")                           |
| Display                | LED (Digital)   |
| Accuracy               | ± 2°C   |
| Least Count/Resolution | 1°C or 0.1°C (As per model)                               |
| Power                  | 15A,220V , Single phase, 50 Hz                            |
| Temperature Range      | Upto 250°C<br>(Upper Ranges Available As per Requirement) |

**Highlights:**

|                     |  |
|---------------------|--|
| No. of Sample racks | 2  |
| Handle              | Yes  |
| Material            | Mild Steel (Outer Body)<br>Stainless Steel (Inner Body)  |
| Finish              | Powder coated Havel Gray & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish |
| Dimensions          | 850x875x670mm  |

**Optional Features:**

- Hot Air oven with Digital Preset Timer (with selectable range Hr., Min. & sec.
- Hot Air Oven with Print Facility
- Hot Air Oven Computerised Model

Note: Lab oven are used for testing non-stop 8 hours. In case of longer non-stop Ageing tests, please contact the marketing department for more details.

Thank you customers for choosing us as your partners in growth !



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