

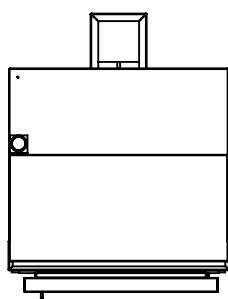
# Hot Air Oven - Touch Screen



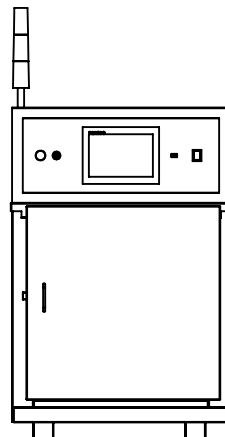
## Model No. : PSO - 460 (Touch Screen)

**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.

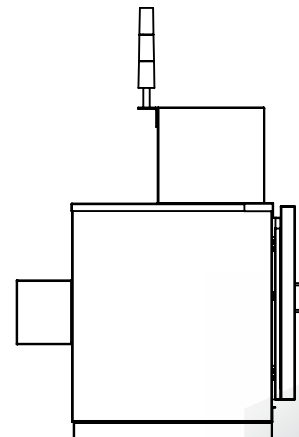
- Intuitive Graphical Menu driven system
- Temperature control through PT-100 sensor
- Highly accurate test results under uniform temperatures in the chamber
- High Grade imported Glass Wool insulation
- Maximum Thermal Efficiency by insulation means.
- Advanced Microprocessor based PID based temperature module
- ✦ Equipped with rapid air circulation German imported fan for uniform and homogenous heating and maintaining temperature inside the chamber
- HMI based Touch Screen display with user friendly information in form of images and test values
- Alarm output signal test process completion
- Event Data recording with date & time stamping
- USB port to data record
- In-built programmable soak timer
- SSR based output controls
- Auto tuning Advance PID controller



Top View



Front View



Side View

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 Specification

Size	455 x455 x 455 mm (18"x 18" x 18")
Display	HMI based Touch Screen display
Accuracy	± 2°C
Least Count/Resolution	0.1°C
Power	15A, 220V, Single phase, 50 Hz
Timer Range	Range 9999
Temperature Range	Up to 250°C (Upper Ranges Available As per Requirement)
Communication port	USB

### Highlights:

Tower Lamp Optional	3 Identification lights (Red, Yellow, Green)
Door Lock	Electromagnetic door switch
Over Temperature alarm	Yes
Inbuilt Soak Timer	Yes
Data loggin	Real time date:time:chamber temperature Sample record.

### Accessories Included:

1. Test racks/Shelves – 2 nos.
2. USB port - 1 no.

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### Head Office : Presto Stantest Private Limited

I-42, DLF Industrial Area Phase-I, Delhi Mathura Road, Faridabad 121003, Haryana, India  
P : +91 129 4272727 E : info@prestogroup.com

### Branches :

#### Mumbai

503-504B, Fair link Centre, Opp. Fame Adlab  
Behind Mongini's Off Link Road  
Andheri (West), Mumbai 400058  
P : +91 022 42957052, 42957053  
E : west@prestogroup.com

#### Kolkata

93, 3<sup>rd</sup> Floor, Karnani Estate  
209, A.J.C. Bose Road  
Kolkata-700017. West Bengal  
P : +91 033 40612012  
E : east@prestogroup.com

#### Chennai

A-3, First Floor, Sri Sathya Sai Building  
755, Poonamallee High Road, Kilpauk  
Chennai- 600 010. Tamil Nadu  
P : +91 044 43865260, 43838372  
E : south@prestogroup.com

