

# Laboratory Hot Air Oven



## Product Info :

**Laboratory Hot Air Oven** manufacturers and suppliers offer a very precise and useful instrument for the industrial labs that is used for testing the behaviour of materials in harsh environments. In industries where there is extensive use of materials such as rubber, plastics, polymers and metals, it is essential that they are able to withstand the harsh environments that they are subjected to during their work. The manufacturers of such products and materials must ensure that the quality of these products is so high that they can bear any working environment that they are subjected to. The materials need to be tested for their behaviour in extremely high temperatures. The laboratory hot air oven is one of the most precise testing instrument that can help the manufacturers in testing these parameters of materials with great accuracy and ease. The rubber, polymers and plastic products are widely used in

industries for various purposes. The manufacturers of these materials must keep in mind that when they are used in industries, the working environment is very harsh in these industries and this harsh environment can cause these materials to degrade and change their physical attributes to such an extent that they can face failure in very less time. This is why the manufacturers of the products must ensure that the products they provide to the customers are of great quality and are able to withstand these extreme working conditions. The best quality of products can be ensured with the help of proper testing with great accuracy and precision. The laboratory hot air oven can help the manufacturers in accurate testing of the materials in harsh working environments.

## TECHNICAL DATA :

- Model: PCLHAO-1
- Inner dimensions of test chamber: 450 x 450 x 450 mm
- Temperature range: Ambient to 250° C
- Power Requirement: 220/ 230 V AC
- Result Display: LED (Digital)
- Tolerance:  $\pm 2^{\circ}\text{C}$
- Resolution:  $1^{\circ}\text{C}$
- Power Supply: 15A, 220V, Single phase, 50 Hz
- Timer Range: Up to 999 hrs
- Temperature Range: Ambient to 250°C
- Shelves: 2 Nos.

## FEATURES :

- Double walled chamber; inside body: stainless steel
- Outer body – Mild Steel neatly powder Coated
- Insulation between the double walls is provided by imported mineral glass wool
- Microprocessor based Programmable Digital temperature controller cum indicator
- Special T/P action ensures that temperature does not overshoot requirement
- Highly accurate test results under uniform temperatures in the chamber
- Maximum Thermal Efficiency by insulation means.
- Digital Preset Timer
- Provision of Set Time and Process time on timer display
- Inbuilt Auto tuning function
- Bright LED display
- Inbuilt Auto tuning function
- Provision to set PV and SV value
- Equipped with rapid air circulation fan for uniform and homogenous heating and maintaining temperature inside the chamber
- Vent for forced air changes and calibration facility

## Our Valuable Customer



Pacorr Testing Instruments Pvt. Ltd.