



2. Control by Digital  
Controller, fan



1. Control by Thermostat

## TWO TYPES

### **Laboratory Oven**

Our laboratory ovens are double walled convection heated units. Outer body of our hot air oven are constructed out of thick PCRC sheet duly pre-treated with primers and rust proofing and painted with long lasting stove enamel or elegantly powder coated.. The inner chamber is made of heavy gauge stainless steel sheet of SS-304 grade. The gap between the walls is filled high grade mineral glass wool, which ensures maximum thermal efficiency in our laboratory ovens

The unit is mounted on a sturdy steel frame and provided with castor wheels (Large Sized Models Only) for easy movement inside the laboratory. The unit is provided with one to three stainless steel shelves (As per the inner size).

### **Heating:**

Indirect three side heating system is provided in our units, comprising of air heaters made of high grade Kanthal A-1 wires of suitable wattage.. The warm air is evenly distributed throughout the chamber through efficient motor fans ensuring a very good temperature sensitivity.

### **Temperature Range:**

Temperature range of our standard laboratory oven models are 50 c above ambient temperature to 200 c. However we have the capacity to modify the same to suit the individual specialized requirements of our customers.



**Temperature Sensitivity:**

Temperature inside our hot air ovens are controlled with a sensitivity of  $\pm 1^\circ \text{ c}$  or better.

**SSU-1 Front Panel:**

Front panel of our units comprises of on/off switches heating and mains indicator lamps, temperature controllers/Thermostat.

**SSU -2 Temperature Control:**

The temperature inside our laboratory oven is controlled either through hydraulic type german thermostat (Sensitivity  $\pm 1^\circ \text{ c}$ ) or through solid state or micro-processor based temperature controllers cum indicators. Number of trays 3

-Optional: air circulating fan, digital temperature controller cum indicator

**OUTER M.S & Inner S.S Sheet**

**Size**

(a) 300 x 300 x 300 m.m .....

(b) 355 x 355 x 355 m.m. ....

(c) 455 x 455 x 455 m.m. ....

(d) 455 x 455 x 605m.m. ....

(e) 605 x 605 x 605m.m. ....

Extra Size

**OUTER M.S & Inner S.S Sheet**

**Size**

(a) 300 x 300 x 300 m.m .....

(b) 355 x 355 x 355 m.m. ....

(c) 455 x 455 x 455 m.m. ....

(d) 455 x 455 x 605m.m. ....

(e) 605 x 605 x 605m.m. ....

Extra Size

Digital Controller 3500 extra

## **LABPRO INTERNATIONAL**

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