

## **HOT AIR OVEN AND HOT CHAMBER**

### ***Applications:***

- Oven is ideally suitable for any laboratory application requiring a controlled temperature environment up to 200°C.

### ***Advantages:***

- Glass window in-built into the door.
- A high level of control accuracy and uniformity.
- Automatic cut off of heater & blower when door opened.
- Option - Digital PID temperature controller with timer, alarms and auto tuning.
- Internal design for achieving horizontal air circulation.
- Solid and plain bottom without electrical.
- Seamless round cornered edge of internal chamber ensures easy cleaning & prevents any leakage.
- Supplied with stainless steel wire mesh shelves. Shelf height adjustable
- Temp range: +50°C to 200°C.
- Control accuracy:  $\pm 0.2^\circ\text{C}$ .
- Heating is by Nichrome wire heaters evenly distributed on the three sides.

Double walled chamber, inner made of stainless steel sheets and outer made of cold rolled mild steel sheets duly finished in powder coating. Inter space in between the walls is tightly packed with special grade glass wool. Temperature is indicated and controlled by precision thermostat within the operating range. Built in control panel accommodating all electrical/electronic accessories is provided at the side of the chamber



### **SRI EASWARI SCIENTIFIC SOLUTION**

Old No- 499, New no: 2/20, Plot No - 110A, Srinivasanagar, 2<sup>nd</sup> cross street, Srinivasapuram, Baraniputhure, Iyyapanthangal,  
Near: srinivasa welding shop, Chennai-600 056 INDIA,

## Technical Data

| MODEL                   | UNIT  | Oven100                 | Oven 150           | Oven 250           | Oven 500           | Oven 1000          |
|-------------------------|-------|-------------------------|--------------------|--------------------|--------------------|--------------------|
| Capacity                | L     | 91                      | 150                | 250                |                    |                    |
| Inner dimensions(WXDXH) | MM    | 450 x450 x<br>450       | 500 x 500 x<br>500 | 600 x 600 x<br>700 | 500 x 500 x<br>500 | 500 x 500 x<br>500 |
| shelves                 | Nos   | 2                       | 2                  | 3                  | 3                  | 3                  |
| Heater power            | KW    | 1.5                     | 2                  | 3                  | 4                  | 6                  |
| Electrical supply       | VAC   | 230 VAC / 50 Hz         |                    |                    |                    |                    |
| Temperature Range       | deg c | Ambient +5 to 200 deg c |                    |                    |                    |                    |
| control accuracy        | deg c | ±0.5                    |                    |                    |                    |                    |
| uniformity              | deg c | ± 2 at 100              |                    |                    |                    |                    |

### **Option:**

1. Digital temp. Indicator cum Controller with FEK Thermocouple
2. Air Circulating Fan Assembly
3. Timer
4. PID Controller.

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