

Hot Air Oven



PhotoRoom

Approx. **Rs. 27,000** / Piece

Product Details:

Usage/Application	Laboratory
Model Name	LABLINE
Size	455X455X605mm
Temperature Range	50-250 Degree Celsius
Material	Stainless Steel
Control accuracy	± 1 °C
Power Supply	220V, Single phase, 50 Hz, AC supply

It is an electric device which uses dry heat (hot air from water vapors) sterilization. Generally, they use a thermostat to control the temperature. Their double walled insulation keeps the heat in and conserves energy, the inner layer being a poor conductor and outer layer being metallic. There is also an air filled space in between to aid insulation. An air circulating fan helps in uniform distribution of the heat. These are fitted with the adjustable wire mesh plated trays or Aluminum trays and may have an on/off rocker switch, as well as indicators and controls for temperature and holding time.

The capacities of these ovens vary. Power supply needs vary from country to country, depending on the voltage and frequency (hertz) used. Temperature sensitive tapes or biological indicators using bacterial spores can be used as controls, to test for the efficacy of the device during use. This device uses

thermostat to control the temperature. It is in laboratories, industries for sterilization (killing micro-organisms), drying, baking and heating, curing (hardening or strengthening).

❖ **Features:**

- Automatic cut off of heater & blower when door opened.
- Digital PID temperature controller with timer
- Aero dynamic internal design for achieving horizontal air circulation.
- Solid and plain bottom without electrical.
- Outer body made up of Mild steel

❖ **Specifications:**

- Capacity should be 121 Ltrs or more
- Temperature range: 50 °C to 250 °C
- Control accuracy: ± 1 °C
- Uniformity: ± 2.0 at 100.0 °C