

**LABORATORY OVEN**  
**CATALOGUE NO.: GEC-P40601**

**Laboratory Oven** is used to determine moisture of Pulp, Paper & Paperboard etc.

The moisture content of paper or similar material is defined by the loss of weight of a sample, dried under specified conditions to constant weight at a specified temperature and is expressed as a percentage of the weight of the moist sample.

**Test Description :**

The weighted sample is placed into the heating chamber at a specified constant temperature for a given time and after drying re-weigh the sample again. The loss of the weight of the sample is measured.

**APPLICABLE STANDARDS:**

**TAPPI, SCAN, ISO**



**Salient Features:**

- Outer chamber is made of MS sheet and inner chamber is made of Stainless Steel or aluminum sheet.
- Door is fitted on heavy cast and chromium plated brass hinges with insulated handle to push and pull the door.
- Pure glass wool insulated with gap of 65 mm.
- Outside finish in Hammertone or Synthetic cream or white and Air circulation by fan.
- All heating elements are made from the best 80/20-composition nickel/chromium imported KANTHAL wire.
- Provided with Rib heat radiation system works.
- Provided with three switches, two pilot lamps, two movable shelves, 150 cm cord, three-pin plug and L-shape horizontal thermometer for recording temp.
- Provided with adjustable steel / aluminium / wiremesh tray for better air circulation.
- Temperature is controlled by Hydraulic Type Capillary Thermostat.

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