

YORLAB® SEEDS GERMINATOR Model No.: YSL / YSI-466



-Dual Chamber,

Specifications:

- Latest range of YORK Seed Germinator sets new standard for conducting experiments in the field of seed germination of variety of seeds under different environmental conditions of temperature, humidity, illumination. Both chambers have different environmental conditions.

Temperature Control:

- Temperature of both the chambers can be controlled separately and independently by Digital Temp. Controller cum Indicator. In one Chamber - The temperature can be controlled from ambient to 50°C (i.e. Heating system only is provided). In another chamber- Temperature can be controlled from 2°C to 50°C (with help of refrigerated system comprising of hermetically sealed compressor and suitable heating system).

Construction :

- Outer body is made of MS Sheet duly pre treated and finished with epoxy powder paint. Inner chamber is made of stainless steel of suitable thickness. 14 Nos. Trays made of stainless steel are provided in each chamber, of size 430 x 480mm each.
- Both the chambers are PUF insulated to minimise the temperature loss and enable to achieve the required conditions at the earliest. Both chambers have independent controls.

- Viewing window of glass are provided in the doors, for viewing purpose. Doors are insulated against any heat loss, wheels provided for ease of mobility.
- Air circulation blower unit Provided for ensuring uniform temperature within the chambers.
- Cooling is achieved by Environment friendly CFC Free refrigeration system by hermetically sealed compressor of high quality, along with other parts such as condenser, cooling coils, fan motor etc.

Illumination :

- (Optional) both the chambers can be equipped with fluorescent lights for enabling photosynthesis & are switched ON/OFF by 0-24 hours timer to simulate the day/night conditions.

Humidification :

- Humidity inside the chamber is provided by steam generated through heating water with the help of immersion type heater. A water reservoir is provided in the machine with heaters and controls for this purpose, to achieve 90 to 95% +3% to 5% RH (not adjustable).

Control Panel :

- Switches and indicating lights for cooling, heating, humidity and illumination, timer, thermostats, etc. are provided on the control panel for easy access.
- Suitable to work on 230Volts single phase, 50Hz AC supply.
- The unit is supplied with a built in Automatic Voltage Stabilizer.

Size of each chamber :

- W x H x D
- 555 x 910 605 mm

YORLAB® SEEDS GERMINATOR Model No.: YSL / YSI-467

—Dual Chamber,

Specifications:

- Same as per YSI-466 but fitted with heating and cooling systems in both the chambers.

Optional Accessories for (YSI-466, 467) :

- Micro processor based PID temp. controller cum indicator in lieu of Digital Temperature Controller
- Interior illumination the 3 tube lights 60cm., per chamber.
- 0-24 hrs timer for illuminations.