

## **YORLAB<sup>®</sup> PLANT GROWTH CHAMBER** **Model No.: YSL / YSI-443**



### Specifications :

- State-of-the-art equipment for Plant growth and animal studies. Provision for light, temperature and humidity are made to test plant growth and analyse their flowering cycle.
- Inner chamber made of S.S. 304 and outer of thick cold rolled steel duly pre-treated & powder coated. 75 mm thick glass wool of high density is sandwiched between the two walls to provide insulation.
- A see through window is provided for inspection of plants. Heating is controlled by Microprocessor based programmable digital temp controller cum indicator to maintain temperature between 5°C to 50°C  $\pm$  1°C but 15°C to 50°C  $\pm$  2°C when the lights from both sides and top are in on position.
- A Seven Days programmable timer is also provided.

- Cooling is maintained by hermetically sealed compressor works on environment friendly CFC Free Refrigerant and PUF insulated.
- Provision for 50,000 lux is provided with a mixture of incandescent lamp & fluorescent light to give effect of day light, whereas humidity is controlled from 55% to 95%  $\pm$  5% by a Microprocessor based controller.

### Chamber Volume :

- 10 Cuft.
- 20 Cuft.
- 30 Cuft.
- 45 Cuft.
- 50 Cuft.