

Product Name :
Precision Plant Growth Chamber India

Product Code :
NG468



Description :

Precision Plant Growth Chamber India

Technical Specification :

- Useful to conduct experiments on plant growth in controlled environmental conditions.
- Double wall construction, inner made of anodized stainless steel sheet and outer made of thick mild steel sheet duly finished in stoving enamel paint.
- The gap is filled with glass wool for insulation of temperature.
- In addition to a double walled door a full view clear acrylic door is provided for observation in chamber without opening it to avoid disturbance to the inner conditions.
- Instead a double glass window can be provided in the main door.
- Adjustable perforated shelves of stainless steel are provided.
- Growth Chamber capacity: Min. 220 L
- Temperature range adjustable: Min. 0°C to max. 80 ± 2 °C
- Temperature range with light: adjustable from min. 10 ± 2 °C to max. 60 ± 2 °C

- Humidity adjustable from: 10 % to 90% RH
- 2 positional illumination cassettes, each with 5 fluorescent tubes APT. line™ preheating chamber technology: YES
- Adjustable fan speed: YES
- Humidity regulation with capacitive humidity sensor and vapor humidification: YES
- Intuitive touchscreen controller with time-segment and real-time programming: YES
- internal data logger, measured values can be read out in open format via USB: YES
- Unit self-test for comprehensive status analysis: YES
- Tight-sealing inner door made of safety glass (ESG): YES
- Avoidance of glass corrosion by special TIMELESS coating or equivalent: YES
- Display: Color LCD monitor
- Racks: 2 with Stainless-steel
- Access port with silicone plug: YES
- Independent temperature safety device (DIN 12880 or equivalent) with visual and audible temperature alarm: YES
- Power supply: 220-240V, 50Hz

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