ADVANCE SCIENCE

INNOVATION | PRECISION | PERFORMANCE

CE

PLANT GROWTH CHAMBER

MODEL NO. AS-PGC-101



Advance Science Plant Growth Chamber is designed for precise control of temperature, humidity and illumination to provide an ideal environment for plant growth, tissue culture, seed germination and various plant research applications.

- PRECISE TEMPERATURE CONTROL
- IDEAL FOR PLANT GROWTH STUDIES
- MICROPROCESSOR PID CONTROLLER
- RELIABLE REFRIGERATION SYSTEM
- LED ILLUMINATION
- STAINLESS STEEL INTERIOR (SS 304)



Stainless Steel Interior (SS 304)



Microprocessor PID Controller



Air Circulation System

KEY FEATURES

- Precise temperature and humidity control
- Microprocessor PID controller
- LED illumination
- CFC free eco-friendly refrigeration system
- Stainless steel 304 interior
- Powder coated exterior for durability
- Uniform temperature and humidity distribution
- Reliable and easy to operate
- Suitable for plant growth and research applications

TECHNICAL SPECIFICATIONS

Finish	Powder Coated
Temperature range	(0 to 60 deg C Light ON)
Humidity Uniformity	RH +/- 3%
Refrigeration	CFC Free compressor with condenser, motor and relay complete unit
Illumination Type	LED
Humidity Accuracy	RH +/- 1%
Humidity System	Humidifier tank fitted with boiler heaters, and give alarm if fault occurs or Ultrasonic Humidification System
Voltage	220/440V,50/60 Hz

Humidity	40 to 95 %
Interior Construction	Stainless Steel 304
Controller	Microprocessor PID controller
Exterior Construction	RCA duly powder coated
Capacity	As per requirement
Temperature Accuracy	+/- 1 deg Celcius
Insulation	75mm by Puff
Automatic Type	Semi Automatic
Doors	Single
Temperature Uniformity	+/- 1 deg Celcius

APPLICATIONS

- Plant Growth Studies
- Tissue Culture Research
- Seed Germination
- Plant Physiology Research
- Plant Biotechnology Research
- Agricultural Research
- Academic & Research Institutes

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