



Advance Biotech Solutions India Pvt. Ltd.

(Advance Technologies, Effective Solutions)



(An ISO 9001:2015 Certified Company)



STER-SAFE MAX

Seed Germinator | Plant Growth Chamber



ABSIPL make STER-SAFE Advance brands Plant Growth Chamber

Vibrant and healthy plants are essential for all plant biology studies. Plant Growth Chamber/Seed Germinator chamber provides more accurately controlled conditions for optimum plant research. ABSIPL provides a full range of innovative, environmentally controlled Plant Growth Chambers to grow a wide variety of plant life. Our chambers are optimized for specific applications with the ideal temperature range, lighting and growth space for specific application. Our product line includes: Plant Growth, Plant Tissue Culture and Seed Germination Chambers. Depending on your temperature, light, shelf and (optional) humidity requirements, our chambers meet many plant cultivating applications, such as algae research, plant pathology, plant virology, horticulture, plant incubation and so much more!

User friendly:

Our range of Plant Growth Chambers are available in two sizes: 15 cu. ft. and 25 cu. ft. Comes with heavy-duty casters with levelling feet make units easy to install and relocate. Removable stainless steel interior and sliding shelves make cleaning, accessing plants and reconfiguration easy!

Features, benefits & options

- Lights come standard in the Plant Growth, Seed Germinator and Tissue Culture chambers. These high output lights are 65% brighter than conventional light. They are modular, expandable and waterproof and include a 24-hour cycle timer for day/night temperature settings.
- The low profile, side mounted LED lights are standard in the Seed Germinator, contributing to a substantial amount of available shelf space. A 24-hour cycle timer for day/night temperature settings is included.
- These chambers offer a full temperature range of 10°C to 50°C. Our robust refrigeration system is reliable for years of trouble-free operation at continuous 24/7 set point with no defrost cycle.
- Units are energy efficient with built-in foam insulation, blower motor and refrigeration system, lowering operating costs.
- Refrigeration on Demand, efficiently manages power consumption and saves electricity by delivering refrigeration on an as-needed basis only.
- The entire interior and adjustable, perforated shelves are constructed of stainless steel, which is easy to clean and durable for the life of the product.
- Tight temperature control of $\pm 0.1^{\circ}\text{C}$ is achieved with microprocessor-based PID controllers for excellent stability and reliable, repeatable results.
- Airflow system generates evenly distributed airflow across all shelf locations.
- Dual temperature display allows you to simultaneously visualize setpoint and operating conditions.

TISSUE CULTURE & SEED GERMINATION (Model: SSM-PGC)



The low shelf height and modest light levels offered by the Tissue Culture Chamber make it ideal for cultivating plant tissue cultures in petri dishes, small glass jars or other small apparatus. Gentle airflow, uniform temperature conditions, precisely controlled (optional) humidity and well insulated chamber all work together to eliminate condensation.

OPTIMIZED FOR PLANT GROWTH (Model: SSM-PGC-SG)



The Seed Germinator is designed for incubation purposes, and is especially suited for the development of plantlets and seedlings. However, many applications exist for this product. The low profile, side mounted LED lights are arranged vertically. A substantial amount of usable shelf area is available due to the number and spacing of shelves.

Note: Capacity available from 150 Lt to 950 Lt.



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(ADVANCE TECHNOLOGIES, EFFECTIVE SOLUTIONS)

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