सवीर

Since 1978

RESEARCH SOLUTIONS



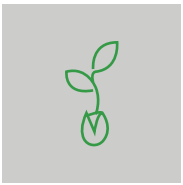
SAVEER PHYTOTRON FACILITY

Integrated Research with Plant Growth Chamber Network

Latest 3G/4G Technology • Growth Chambers/Greenhouses • Remote Access

- HI-TECH GREENHOUSE
- PLANT GROWTH CHAMBERS
- ENVIRONMENT CONTROLLED WALK-IN & REACH-IN GROWTH FACILITY
- SEED HARVESTING/ THRESHING ROOM
- LOCAL SOFTWARE CONTROL & AUTOMATION









TAILER-MADE HI-TECH GREENHOUSE

Optimized Design for Climate & Environmental Control



- Glass/PC Cladding
- Ultrafine Fogging
- Air Conditioned Cooling
- Food & Drain Benching System
- PAR Light Plant Canopy
- Sensor Based Automation System

PLANT GROWTH CHAMBER (REACH IN)

Controlled environment reach in plant growth chambers will give an edge to plant scientists to perform full cycle research on plants at any given point of time irrespective of outside weather.
These chambers are fully equipped with high end automation to have complete control on temperature, relative humidity, light, CO2 enabling testing & selection in a range of conditions including drought & frost simulation.

Saveer plant growth chambers are specially designed with tailor made principles to perfectly meet the growing needs of end users in order to fulfil their key research objectives

- Customized Interiors
- Touch Screen User Interface
- Temperature Control
- Multiday programming
- Data logging & Graphical Display
- Humidity Control
- Special Lighting System
- Vertical Air Flow
- CO2 Control



WALK-IN PLANT GROWTH CHAMBER

Saveer life series Walk-in Plant Growth Chamber are specifically designed for research work to maintain controlled growing conditions of Temperature, Light and Humidity.

Saveer walkin chambers are designed to make it possible for user to Walk-inside the chamber and conduct the desired research activities. Customized models of 'Walk-in Plant Growth Chambers as well as different growth facilities are equipped with pre-fabricated single or double door as per the client choices for hassle free movement experience.

- Tailor-made Interiors
- Temp./Humidity Control
- Fully Insulated Design
- Spectrum Specific Lighting
- CO2 Control
- Unifloor Air Flow



SEED HARVESTING / THRESHING ROOM

Concerned about harvesting when growing in fully climate-controlled growth chambers?

Your issues can be resolved by Saveer's seed harvesting & threshing chamber. It offers appropriate post-harvest threshing procedures to increase production, longevity, vigour, and overall seed quality. Before being stored, seed must be gathered, threshed, washed, and completely dried in this chamber.

Climate Controlled Environment • De-humidify System • Safe & Secure



PAR LIGHT PLANT CANOPY

The crop may be surrounded by the perfect climate, but are they getting the right spectrum of PAR lighting? With Saveer's Multi-day programming light system, you can get the perfect light recipe for your crop within the same environment.

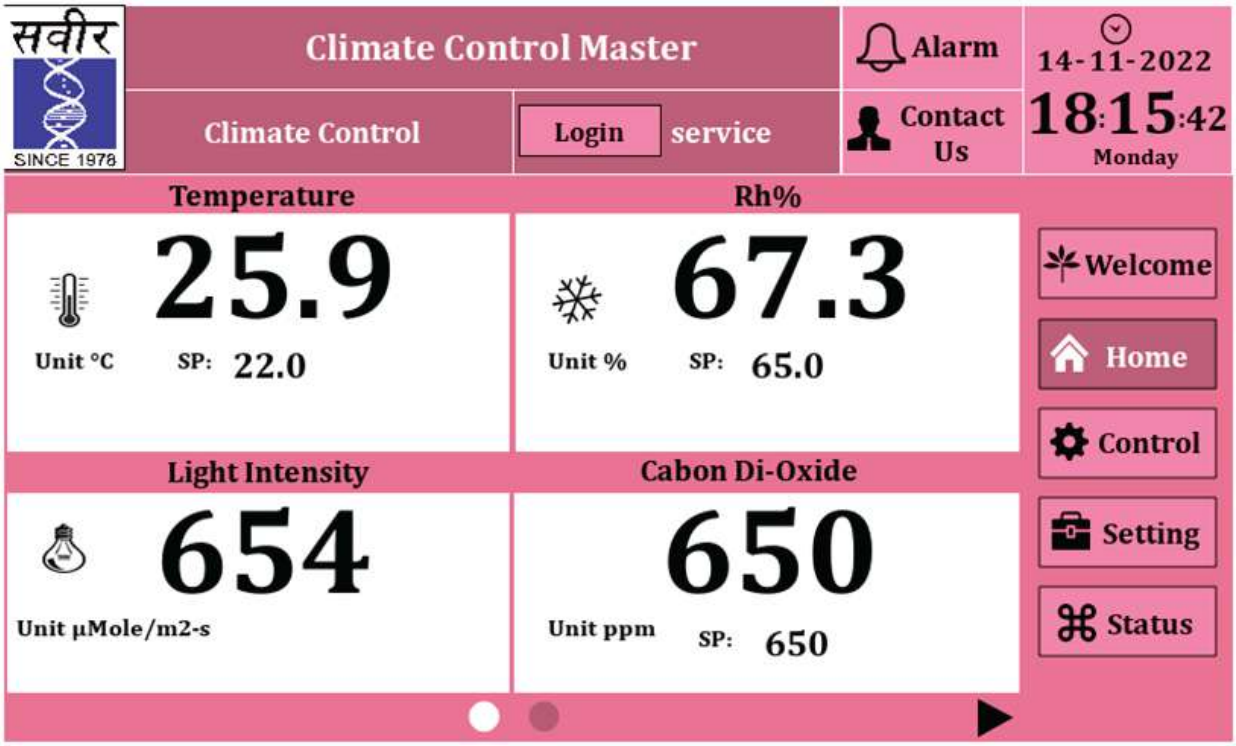


Independent Level Programming • Intensity up to 800 micromoles /m sq./s • Custom Build

LOCAL SOFTWARE CONTROL & AUTOMATION

With computer control software system growth factors can be managed on daily basis. For through analyses, the relevant data can be exported to a datasheet for storing the most important information. User friendly interface gives the grower the possibility to set the timer, alarms and set points to the desired values and intervals for the optimal growth.

- Touch Screen User Interface
- Suitable for Multiple Chamber
- Custom Build
- Safe & Secure







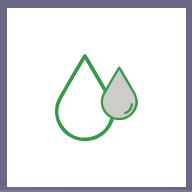
Since 1990, Saveer Biotech Limited has been designing and manufacturing plant growth chambers and controlled environment rooms. We have the distinct advantage of having an in-house R&D division that has been duly recognised by the Ministry of Science and Technology, SIRO, Government of India. The division is constantly engaged in innovative research for the advancement of environmental simulation systems and their controls.

These growth chambers offers unsurpassed accuracy and reliability in the control of temperature, humidity and light intensity. The chambers allow the researcher access to most of the world's climatic conditions while eliminating the variability found in nature. Their well proven design incorporates the very latest advances in state of the art programmer technology and energy efficient lighting systems, greater control of unequalled reliability and durability.

You are always welcome to visit one of our trail locations. If you have any questions, please contact one of the Saveer Biotech team members listed below.

http://www.saveer.com/

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LEVERAGING TECHNOLOGY, ENRICHING LIVES

Research and the innovation that can make a difference to the lives of millions.



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