



Pinnacle
SCIENTIFIC AND MEDICAL EQUIPMENT

Plant Growth Chamber

PINNACLE TERRA SERIES

PRODUCT INFORMATION

The Pinnacle Plant growth chamber is a professional cultivation equipment specially designed for plant experimental research. It is widely used in plant experiment scenarios across multiple fields such as agricultural science, life science, botany and environmental science. Whether for plant seed germination, seedling cultivation, tissue culture or plant stress resistance research, photosynthesis experiments and other experimental needs, it can provide a stable and controllable growth environment. It helps researchers obtain accurate and reliable experimental data and promotes the research progress in plant-related fields.



 www.cskgroup.com.au

Product Advantages



1

Full-Spectrum Precise Matching, Simulating Natural Light

Pinnacle's plant growth lamps, featuring exclusive patented lighting technology, match the photosynthetic characteristics of most plants. They enable precise control of light intensity and cycle to achieve "light customisation on demand"

2

Patented Heat Recovery Tech: Stable Environment & Energy Efficiency

Pinnacle's innovative patented heat recovery technology delivers remarkable energy savings. With air outlet at the back and return at the top, it ensures balanced environmental factors inside the incubator, providing a stable growth environment for experiments while optimizing research cost-effectiveness.

3

Multi-Dimensional Intelligent Control for Efficient Research Management

Equipped with a PID intelligent control system, it responds quickly, allowing scheduling of temperature, humidity, light, etc, and has an abnormal alarm function. A 7-inch HD touchscreen enables real-time monitoring and adjustment of all environmental parameters.

4

Premium Materials & Precision Craftsmanship: Solid Foundation for Stable Experiments

The outer structure adopts hot-dip galvanized colour-coated film technology, and the inner liner is made of full stainless steel. Adjustable shelf heights adapt to diverse experimental needs. Integral polyurethane foaming and internationally renowned brand core components ensure stable operation for over 10 years.

5

Comprehensive Lifecycle Services: Solve Post-Research Worries

Pinnacle provides a pre-sales, in-sales and after-sales full lifecycle service. A professional after-sales team offers timely responses in case of malfunctions, lifelong maintenance, regular on-site equipment inspections and free software upgrades to ensure the equipment continuously meets research needs.



Product Models	Terra300PC			Terra500PC			Terra700PC			Terra1200PC		
External Dimensions (mm)	750 x 800 x 1510			750 x 800 x 1940			1000 x 800 x 1940			1625 x 800 x 1940		
Internal Dimensions (mm)	650 x 609 x 855			650 x 609 x 1285			900 x 609 x 1285			1260 x 625 x 1526		
Volume (L)	335L			493L			683L			1201L		
Shelves	1	2	3	2	3	4	2	3	4	3	4	5
Light Intensity at 10cm Below (μmol/m ² • S)	1000	500	250	1000	500	250	1000	500	250	1000	500	250
Light intensity	Step less Adjustment (0~ 100%)											
Temperature (Light On)	10~45℃											
Temperature accuracy	≤0.1℃											
Temperature fluctuation	≤±0.5℃											
Temperature uniformity	±2℃											
Humidity	60~90%RH											
Humidity accuracy	1%											
Humidity fluctuation	≤3%											
Humidity uniformity	±5%											
Working environment temperature	5~35℃											