

SASTECS Growth Chamber



- Microprocessor PID controller for temperature humidity and lighting ensures of precise and reliable control.
 - Simulate changing temperature and light in day/night, 30 programmes each programme with time range 1-99 hours.
 - Independent temperature-limiting alarm system ensures experiments run safely
 - Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning.
 - Fluorescent lamps are mounted below solid stainless steel shelves.
 - Forced air circulation for even temperature circulation.
 - DANFOSS compressor
- RS485 connector is option which can connect computer to record the parameters and the variations of temperature. (Optional)

| Specification of SASTECS Growth Chamber | |
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| Model | ST-LGC450L |
| Volume | 450L |
| Temperature Range | Without Lighting: 4 ~ 50°C, With Lighting: 10 ~ 50°C |
| Temperature Accuracy | 0.1°C |
| Temperature Stability | ± 1°C |
| Temperature Uniformity | ± 2°C |
| Humidity Range | 50 ~ 90% RH |
| Humidity Precision | ± 5 ~ 7% RH |
| Lighting Intensity | 0 ~ 25000 Lux |
| Input Power | 2100W |
| Voltage | 220V 50Hz |
| Ambient Temperature | +5 ~ 35°C |
| Timer | 180 hour |
| Interior Dimension (W x D x H) mm | 700 x 550 x 1140 |
| Overall Dimension (W x D x H) mm | 950 x 850 x 1850 |
| Shelves | 4 |