

SPECIAL 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 SASTEC Growth Chamber

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