SASTEC™

SASTEC LABORATORY EQUIPMENT

Growth Chamber

- Microprocessor controller for temperature and humidity ensures of precise and reliable control.
- Simulate changing temperature and light in day/night
- Independent temperature-limiting alarm system ensures experiments run safely
- Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the shelves are adjustable.
- Forced air circulation.
- DANFOSS compressor
- RS485 connector is option which can connect computer to record the parameters and the variations of temperature. (Optional)

Specification of Growth Chamber							
Model	ST-MGC250	ST-MGC300A	ST-MGC300BP	ST-MGC400B	ST-MGC350HP	ST-MGC400HP	ST-MGC600HP
Capacity (L)	250L	300L	300L	450L	300L	450L	600L
Temperature Range	Without Lighting: 4 ~ 50°C, With Lighting: 10 ~ 50°C						
Temperature Accurancy	0.1°C						
Temperature Stability	± 1°C						
Temperature uniformity	± 1.5°C	± 2°C					
Humidity Range					50 ~ 90% RH		
Humidity Precision					± 5 ~ 7% RH		
Lighting Intensity	0 ~ 12000 Lux	0 ~ 15000 Lux 4-steps adjustable	0 ~ 20000 Lux 4-steps adjustable	0 ~ 25000 Lux	0 ~ 20000 Lux 4-steps adjustable	0 ~ 25000 Lux	0 ~ 25000 Lux
Input power	860W	1400W	1650W	2100W	1650W	2100W	2400W
Voltage	220V 50Hz						
Timer	180 hour						
Interior Dimension (W x D x H) mm	580 x 510 x 835	520 x 550 x 1140	520 x 550 x 1140	700 x 550 x 1140	520 x 550 x 1140	700 x 550 x 1140	580 x 680 x 1480
Overall Dimension (W x D x H) mm	722 x 738 x 1550	830 x 850 x 1850	830 x 850 x 1850	950 x 850 x 1850	830 x 850 x 1850	950 x 850 x 1850	700 x 820 x 2080
Shelves	3	3	3	4	3	3	4

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