

Description:

CGI series of growth chamber is widely used for microbial tissue cell culture, seed germination, seedling test, plant culture and insects, small animals feeding, etc.

Features

Structure:

1. The inner chamber and shelf are made of mirror stainless steel, beautiful and practical, convenient for cleaning and disinfection;
2. The air-inlet grille can be opened directly to clean the condenser (please clean the condenser once every two months, so as not to affect the refrigeration performance of the compressor).
3. Casters are provided at the bottom for easy movement.

Intelligence:

1. Big LCD display, clear and intuitive, easy to operate;
2. Have over temperature alarm, and additional independent digital limiter, ensure the temperature accuracy;
3. Multi-stage program setting to meet different experimental requirements.

Temperature:

1. High-quality compressor to ensure long running time;
2. Double evaporator switch work to ensure no frost operation;
3. Special duct design ensures temperature uniformity within 1°C.

Humidity:

1. The humidification system adopts hidden thermal humidification system, has wide humidity control range and it's less likely to occur dew condensation;
2. Honeywell humidity sensor makes humidity detection more accurate;
3. Automatic water feeding system ensure the equipment operation quietly and continuously.

Illumination:

1. Four sizes lights make illumination more uniform;
2. Fluorescent lamp can offer light closed to sun light, optional LED light can offer much more strong illuminance.



Specifications

Model		CGI-250P	CGI-300P	CGI-400P
Performance	temp. range	0 to 65°C (w/o illumination); 10 to 65°C (w/illumination)		
	temp. fluctuation	1°C		
	temp. resolution	0.1°C		
	temp. uniformity	±1.5°C		±2°C
	humidity range	40% to 90%		
	humidity fluctuation	0.07		
	illumination range	0 to 13000Lux (fluorescent lamp); 0 to 35000Lux (LED lamp)		
Structure	compressor	hermetic compressor		
	refrigerant	R134a		
	defrosting	auto		
	insulation material	PU		
Controller	controller	LCD screen display, pressing key		
	program	30 segments		
	sensor	PT100		
	time	0 to 99.9 hours		
Specification	inner (W*D*H)/mm	500*530*950	550*580*950	590*620*1100
	exterior (W*D*H)/mm	690*705*1650	740*755*1650	780*795*1800
	packing (W*D*H)/mm	890*905*1870	940*955*1870	980*990*2020
	capacity	250L	300L	400L
	shelf loading	15kg		
	shelf number	6	6	7
	standard shelf	2	2	2
	NW/GW (kg)	76/117	85/126	98/140
power	220V/1.6kw	220V/1.7kw	220V/1.8kw	
Optional		shelf: RS485 port; printer; USB port; SMS alarm;		