

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. All models have over temperature alarm, L type has 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		
	Timer	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
	N.W/G.W(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;			