



# Growth Chamber

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# Growth Chamber



## Product 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.

## Product Features

### Structure

1. Inner chamber and shelf are made of mirror stainless steel, easy to clean and disinfect.
2. Air-inlet grille can be opened to clean the condenser regularly.
3. Casters provided at bottom for easy movement.

### Intelligence

1. Big LCD display, easy to operate.
2. Over temperature alarm with digital limiter ensures accuracy.
3. Multi-stage program setting for experiments.

### Temperature

1. High-quality compressor for long running.
2. Double evaporator ensures no frost.
3. Uniform temperature within 1°C.

### Humidity

1. Hidden thermal humidification system.
2. Honeywell humidity sensor for accuracy.
3. Automatic water feeding system.

### Illumination

1. Uniform lighting system.
2. LED light option for strong illumination.

Model		DSP-250GI	DSP-300GI	DSP-400GI
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;			