

QC-PG Plant Growth Chamber



Main Features

- Microprocessor PID control, accurate and stable.
- Magnetic door sealing.
- LED display for QC-PG series, LCD display.
- CFC-free refrigerant, eco-friendly and highly efficient.
- Over temperature protection.
- Temperature sensor for open circuit or short circuit protection.
- Parameters can be saved automatically when power off or system error.

Applications:

Plant growth, Seed germination, Acclimation of plants, Culture of plant cells and tissues, Chemical industry, Test which needs specific temperature, humidity and illumination, Genetic manipulations of plants, Cultivation of protoplasm and cells, Incubation and rearing of insects, Chemical and pharmaceutical industry, Research, Quality test, Plant biotechnology, Timber and forestry industry, Cosmetic Industry.

Technical Specifications:

Model	QC-250 PG	QC-290 PG	QC-300 PG	QC-400 PG
Capacity (Litre)	250 L	290 L	300 L	400 L
Lighting Type	QC-PG series: 2-side illumination.			
Temp. Range	With illumination: 10~50°C, Without illumination: 5~50°C			
Temp. Fluctuation	±0.5°C		±1°C	±0.5°C
Temp. Uniformity	±2°C			
Humidity Range	With illumination: 50%~80% (18~45°C); Without illumination: 50%-90% (15~45°C)			
Lighting Illumination	QC-PG 300: 0-20000 (6-Grade Adjustable)			
Ambient Temp.	5~35°C			
Continuous Working Time	≥180h			
Shelves	3 pcs/adjustable			
Consumption	2400W	2900W	1500W	3400W
Power Supply	QC-PG Series: AC220V, 50Hz (Standard)			
Internal Size (W*D*H) mm	480*450*1180	495*470*1280	530*555*1150	570*610*1180
External Size (W*D*H) mm	680*900*1830	700*915*1930	840*855*1860	770*1040*1870
Gross Weight (kg)	150	160	305	205