

PLANT GROWTH CHAMBER

The optimum performance **PLANT GROWTH CHAMBER** with user-friendly functions & excellent construction to maximize effectiveness of your invaluable test process

FTPGC series models



FEATURE

This distinguished FTPGC model series of Plant Growth Chamber is openly recognized by our worldwide end-users as the most suitable & high-efficiency equipment for agriculture, biotechnology and various growth test.

GENERAL SPECIFICATIONS

Temperature	Range : 0 °C to 60 °C (light on : 10 °C to 60 °C). Accuracy : ± 0.5 °C at 20 °C, Program : 10 step program. Controller (standard) : Microprocessor PID controller (optional : The newest and high-precision 5.7 inch TFT-LCD color). Range : 30% to 98% RH
Humidity	Accuracy : ± 1 °C at 70%. Program : 10 step program. Sensor : Electronic device. Humidifier : Evaporation by motor with SUS316 pipe heater. Controller : Microprocessor PID program controller. Lux meter : LCD display movable with flexible cable. Bank : 3 side wall with water proof tube. Illumination period : 7 step photo-period control, 10 step programmable
Material	Internal material : Stainless steel (SUS304, first grade polishing plate). Exterior material : Steel plate with powder coating. Shelves' construction : ABS coating (adjustable type).
Safety Device	Leakage breaker for power supply, Over current protector, Overheat protector, Switch-off after alarm for overheating, Level monitoring system, Door opening alarm, Special alarm for water empty.
Door	Safety double door, Silicon packing magnetic door.
Optional	RS-485 communication Interface.
Supply Voltage & Frequency	AC 230 V, 50/60 Hz.

INDIVIDUAL SPECIFICATIONS PER MODEL

MODELS	FTPGC-801	FTPGC-802	FTPGC-803
Chamber Capacity	504 Liters	768 Liters	1,344 Liters
Internal Dimension (L x D x H) (mm)	700 x 600 x 1,200	800 x 800 x 1,200	1,400 x 800 x 1,200
Illumination	Maximum 15,000 Lux	Maximum 15,000 Lux	Maximum 23,000 Lux
Cooling Device	Hermetically sealed compressor (1/2 HP)	Hermetically sealed compressor (1/3 HP)	Hermetically sealed compressor (1 HP)
Shelves	3 EA	4 EA	8 EA