INTELLIGENT LIGHTING INCUBATOR

TP-G420C

TP-G1000C

Model Comparison

Model	TP-G420C	TP-G1000C
Volume	420L	1000L
Dimensions	762*765*1900mm	1552*715*1940mm
Temperature range	When the light is off: 0~50°C When the light is on: 10~50°C	
Temperature fluctuations	±0.1°	±0.3°C
Light intensity	0~22000LUX	0~22000LUX
Lighting method	Surrounded by light sources on three sides	

Introduction

The TP-G series intelligent light incubator is a new type of light incubation equipment developed and produced by Top Yunnong. It can be mainly used for experiments such as plant germination, seedling cultivation and microbial cultivation. It uses precise sensors and intelligent PID algorithms to accurately control the temperature and provide a stable and reliable environment for experiments.

Features

• Intelligent control system: It can accurately control the temperature and light intensity.

• Abnormal alarm reminder: The device has the functions of opening the door overtime alarm, temperature overrun alarm, and sensor failure alarm.

• A number of safety protection functions: with leakage protection, fault circuit protection, over-temperature protection, compressor overload protection, current overload protection and other functions.

• Power-down memory function: After a power failure, the original working state can be continued when the machine is turned on again.

• Time period setting function: Multiple time periods can be set, and the running time of each time period can be set separately.

• Defrost function: defrost on demand and precisely control the temperature of the chamber.

• Sterilization function: ultraviolet sterilization, automatic shutdown of sterilization function at the end of the set time.

• Remote data viewing: Support APP, WeChat, and cloud platform to remotely view data and curves.

Technical parameter

Light intensity range	0~22000LUX	Light intensity progression	0~100%
Temperature control method	Smart PID when balanced	Temperature setting method	Capacitive touch settings
Procedural Competence	Up to 30 experimental programs can be stored by default	Multi-time control	1~99 segments
Combined maximum power (W)	1200W(420L);2500W(1000L)		
Enter the power supply	AC220V/50Hz10A(420L); AC220V/50Hz16A(1000L)		
Communication interfaces	Standard support network port RJ45, WIFI, USB data port, Internet of Things function		
Other features	The electromagnetic lock can set the password independently,automatically reduce the brightness when the door is opened,and automatically stop the fan when the inner door is opened		
Alarm and protection	Door opening overtime alarm, temperature overrun alarm, sensor fault alarm, plug with leakage protection, overtemperature protection, compressor overload protection, leakage protection, current overload protection		