

INCUBATOR

Intelligent Illumination Incubator

Model: GTOB-B/D series



GTOP-158



GTOP-268 /310



GTOP-500



GTOP-1000

● Introduction

GTOP Intelligent Illumination Incubator is a biological incubation experimentation instrument, which adopts microcomputer automatic control system, programmable control mode, and intermitting cooling. Through setting the multiple parameters, it is able to mimic a natural environment. It has illumination, temperature –constant, day and night shift automatically functioning. It is able to meet various biological incubation tests. Our incubator is able to apply to various areas such as seed germinate & breeding, plant group foster and planting, animalcule incubation, breeding of insects and small animals, anti-oxidation experiment of medicines and environmental experiments of articles; and it is especially applicable for the study of Bioengineering, Medical study, agricultural, Aquatic, Animal husbandry etc.

● Characteristic

- ▲ Micro-computer control, integrated control panel. Time, temperature, light, humidity, period etc. can be set.
- ▲ Over-temperature and sensor abnormality protection to ensure the equipment and sample safety.
- ▲ Full spectrum plant growth lamp, beneficial to plant growth, disease resistance
- ▲ A power-down protection, boot display after the state power of money, there are storage memory.
- ▲ Aluminum alloy frame, silver color and be able to the aging and deformation. With lock-door
- ▲ The device with wheel, move easily.
- ▲ Inside the incubator is grid structure, which can be adjusted as the sample's length, convenient and practical.
- ▲ the material of tank: stainless steel
- ▲ Anti-irradiation tempered- glass with coating to ensure a good insulation performance.
- ▲ About the light: Customized available, standard light is 5500lux. The max light available is: 15000lux.
- ▲ Optional capacity: 158L, 268L, 310L, 500L, 1000L

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● Technical parameters

Temperature range: 0-50°C

Temperature fluctuation: ± 0.5

Temperature uniformity: $\pm 1^\circ\text{C}$

Illuminance: 0~15000LUX (5500lux default)

Can increase the light intensity according to customer requirements

Heating power: 300W (GTOP-1000: 700W)

Compressor power: 190W-320W

Compressor delay guard time: about 3min

Noise: <70Db

Working mode: continuous operation (compressor intermittent working)

Working environment:

Temperature: 0-38°C, humidity<80%RH, Non-corrosiveness gas

Power: 220 \pm 22V, 50 \pm 0.5HZ

Temperature, humidity, light can be programmed to periods:

Type B can be divided into day (period 01) and night (period 02)

Type D can be divided into 1-30 periods (include all functions of type B)

● Model Difference

Model	Volume	External Size(L*W*H)	Inner Size(L*W*H)	Temp range	Light degree
GTOP-158B	158L	655*610*1760 mm	425*405*965 mm	0~50°C	0~3300LUX
GTOP-268B GTOP-268D	268L	720*590*1900 mm	480*480*1040 mm	0~50°C	0~5500LUX
GTOP-310B GTOP-310D	310L	692*692*2000 mm	480*480*1290 mm	0~50°C	0~5500LUX
GTOP-500B GTOP-500D	500L	1250*655*1895 mm	58*60*1310 mm	0~50°C	0~5500LUX
GTOP-1000B GTOP-1000D	1000L	1250*655*1895 mm	123*60*1270 mm	0~50°C	0~5500LUX