

Artificial Climate Chamber

Model : RTOP-1000Y

Introduction

RTOP 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.



Outer size: 1230*708*1865mm
Inner size: 1110*578*1375mm

Features

- ❖ LCD screen display, accurate control.
- ❖ The interior features a stainless steel design.
- ❖ The program can be controlled by gradient.
- ❖ Over-temperature and sensor abnormality protection.
- ❖ With sterilization function, sets sterilization time, and automatically turns off sterilization function at the end of sterilization time.
- ❖ A power-down protection, boot display after the state power of money, there are storage memory.
- ❖ Light source adopts LED light, low energy consumption, low heat.
- ❖ Inside the incubator is grid structure.

Technical parameter

Temperature range	0-50°C
Fluctuation	±0.5°C
Uniformity	±1°C
Humidity range	50-90%
Fluctuation	±7%RH
Illuminance	0~12000lux (light can be customized) Can increase the light intensity according to customer requirements
Heating power	700W
Compressor power	190W-320W
Compressor delay guard time	about 3min
Noise	<70Db
Working mode	continuous operation (compressor intermittent working)

Detail images



Intelligent Artificial Climate Chamber

Model: RTOP-Y Series



RTOP-268/310Y



RTOP-500Y



RTOP-1000Y

● Introduction

RTOP is a biological incubation experimentation instrument, which adopts microcomputer automatic control system, programmable control mode, and intermitting cooling. By 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

- ▲ LCD screen display, simple operation, accurate control, easy to view at night.
- ▲ The interior features a stainless steel design.
- ▲ The program can be controlled by gradient such as time, temperature and illumination.
- ▲ Over-temperature and sensor abnormality protection to ensure the equipment and sample safety.
- ▲ With sterilization function, sets sterilization time, and automatically turns off sterilization function at the end of sterilization time.
- ▲ A power-down protection, boot display after the state power of money, there are storage memory.
- ▲ Light source adopts LED light source suitable for plant growth, low energy consumption, low heat.
- ▲ Inside the incubator is grid structure, which can be adjusted as the sample's length, it is very convenient and practical.
- ▲ Optional capacity: 268L, 310L, 500L, 1000L

Intelligent Artificial Climate Chamber

Model: RTOP-Y Series

● Technical Parameters

Temperature range: 0-50°C
 Temperature fluctuation: ±0.5°C
 Temperature uniformity: ±1°C
 Humidity range: 50-90%
 Humidity fluctuation: ±7%RH
 Temperature, humidity, number of light programmable sections: LCD 1-99 time periods fully automatic
 Deviation: ±5%RH
 Light grade: 0-3 grade
 Luminance: 0~8000lux (Light can be customized)
 Heating power: 500W (RTOP-1000: 1000W)
 Compressor power: 190W-320W
 Compressor delay guard time: 3min
 Noise: <70Db
 Working mode: continuous operation (compressor intermittent working)
 Working environment: temperature 0-40°C, humidity<80%RH; Non-corrosiveness gas
 Power: 220±22V, 50±0.5HZ

● Model Difference

Model	Volume	External Size(L*W*H)	Temp range	Light degree
RTOP-268Y	268L	580*630*1755 mm	0~50°C	0~8000LUX More lux needed can be customized
RTOP-310Y	310L	580*630*1895 mm	0~50°C	
RTOP-500Y	500L	705*825*1971 mm	0~50°C	
RTOP-1000Y	1000L	1230*708*1865 mm	0~50°C	0~5500LUX