# 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 Fluctuation

Uniformity

**Humidity range** 

**Fluctuation** 

Illuminance

**Heating power** 

**Compressor power** 

**Compressor delay** 

guard time

**Noise** 

**Working mode** 

0-50°C

±0.5°C

±1°C

50-90%

+7%RH

O~12000lux (light can be customized)
Can increase the light intensity
according to customer requirements

700W

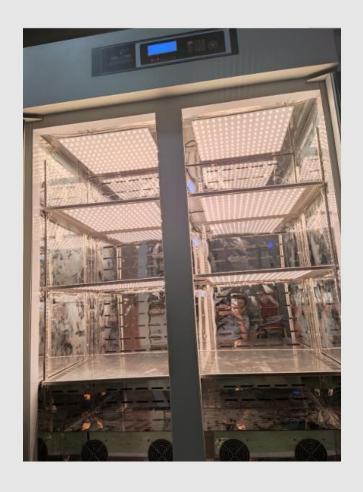
190W-320W

about 3min

<70Db

continuous operation (compressor intermittent working)

# Detail images









**INCUBATOR INCUBATOR** 

### Intelligent Artificial Climate Chamber

Model: RTOP-Y Series







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

- ▲ 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