

# Low-temperature Low Humidity Seed Storage Chamber



Cat. No. AIT-SS001

Lot. No. (See product label)

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## Product Name

Low-temperature Low Humidity Seed Storage Chamber

## Background

Used for seed germination aging experimental culture test, is by microcomputer automatic control, with hot and cold constant temperature, automatic dehumidification program control, and over-temperature protection of the three major functions of the seed preservation special box.

## Product Overview

1. 32-bit unit chip control, 7.0 (4.3) inch touch screen, touch switch, easy to operate.
2. Programmable control mode, according to the time zone synchronous setting of day and night time, a day can be divided into 1-12 groups of working time control temperature, humidity, and light intensity parameter values.
3. Adopt an internationally famous brand compressor, the shell is made of stainless steel, and the box is foamed as a whole.
4. With a USB interface, it can directly store data in the mobile disc, while the incubator can store 100,000 data. Can generate historical curve data.
5. 3-level password lock control, historical data can be exported in PDF format to prevent parameter counterfeiting.
6. With the ultraviolet sterilization function, they can manually and automatically set the sterilization time.

## Type

3 layers with freely adjustable height.

## External dimension □ [D\*W\*H (mm)]

700\* 600\* 1,940

780\* 1,200\* 1,940

## Volume

≥ 300 L, ≥ 1,000 L

## Temperature control range (°C)

0-10

## Temperature control accuracy (°C)

±0.5-1

## Humidity control range (RH%)

20-60

## Humidity control precision (RH%)

±5-7

## Advantages

1. The cabinet is made of stainless steel.
2. The humidity sensor is made of anti-condensation nano-materials, which can work normally for a long time at a humidity greater than 95%.
3. The temperature control can operate at 4°C for a long time, rejecting the phenomenon of icing and ice blocking.

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**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**