

# SEED LOW-TEMPERATURE AND LOW HUMIDITY STORAGE CABINET



**TP-DC450C**



**TP-DC1000C**

## Introduction

The TP-DC series seed low-temperature and low humidity storage cabinet can provide the necessary environment for safe seed storage. It adopts microcomputer automation to set and control temperature, humidity, time and other indicators inside the box, ensuring low temperature and low humidity inside the box.

## Features

- 7-inch large screen, clearer data: The seed low-temperature and low humidity storage cabinet adopts a full-color touch screen, which is easy to operate and display data more intuitively.
- Panoramic glass interior door, guarding the environment inside the box: Equipped with a built-in panoramic tempered glass door, all samples inside the box can be observed without opening the door, avoiding significant temperature and humidity fluctuations caused by frequent opening.
- Large rounded inner pot, beautiful and easy to clean: The inner pot is made of mirror stainless steel material, which is corrosion-resistant and durable. The design of large rounded corners around it is beautiful and easy to clean, reducing dust and bacteria pollution.
- Pull out mesh frame, convenient and easy to use: The seed low-temperature and low humidity storage

cabinet comes standard with 3 layers of pull-out mesh frames, and the height can be adjusted according to the user's actual situation, making it easy to access samples and supporting customized layers.

- Electromagnetic lock design ensures sample safety: standard electromagnetic door lock, password switch box door can be set to ensure the safety of test samples.
- UV sterilization: Set the time to automatically end the sterilization function.
- Intelligent PID algorithm, precise and reliable temperature control: The box adopts precision sensors combined with intelligent PID algorithm to accurately control temperature and provide a stable and reliable environment for experiments.
- Multiple safety protection functions: It has multiple safety protection functions such as door timeout alarm, temperature limit alarm, sensor fault alarm, leakage protection, over temperature protection, compressor overload protection, current overload protection, etc., to ensure the safety of instruments and samples.
- With power-off memory, there is no need to worry about unexpected power outages: after a power outage, turning it back on automatically restores the original working state.
- With its own cloud platform, data viewing is convenient: data can be uploaded to the cloud platform in real time, which supports mobile terminal, web terminal and official account to view real-time data and historical data, and can be analyzed, downloaded and printed.
- There are various ways to export data: experimental data includes test types, test personnel, other remarks, etc., and supports network transmission and USB export.

## Model Comparison

model	TP-DC450C	TP-DC1000C
volume	450	1000
Temperature control range	-15 ~ 10℃	-10 ~ 10℃
Temperature fluctuation	±0.3 (Environmental temperature 25℃)	±0.5 (Environmental temperature 25℃)
Temperature uniformity	≤ ±1 (Environmental temperature 25℃)	≤ ±1 (Environmental temperature 25℃)
Range	Setting range: 30-60% RH Control range: ≤ 60% RH	Setting range: 30-60% RH Control range: ≤ 60% RH
Volatility	≤ 5% RH	≤ 5% RH
Dimensions	762*765*1900mm	1552*765*1940mm
Internal dimensions	635*560*1165mm	1415*560*1165mm
Program capability	30 experimental programs can be pre-set and stored	
multiple intervals control	Sections 1 to 99	
Number of layers in the grid structure	3	3
Comprehensive maximum power	1200W	2500W
Input power supply	AC220V/50Hz 10A	AC220V/50Hz 16A