

STALWART

Freeze Dryer STFD-200

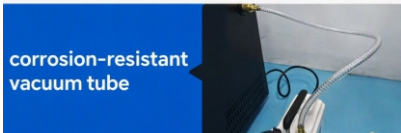
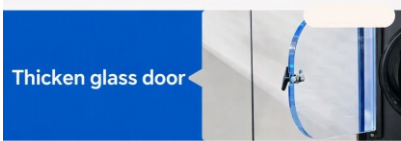
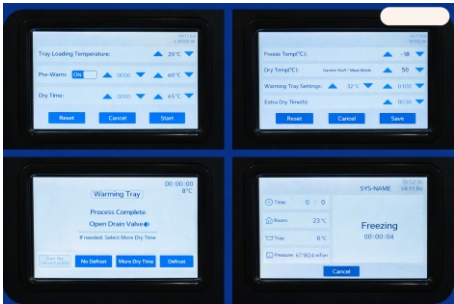


Introduction

Vacuum freeze-drying technology, also known as sublimation drying, is a method that involves pre-freezing the material and sublimating its moisture under vacuum conditions. The original biological and chemical properties of freeze-dried materials remain largely unchanged, making them easy to preserve for extended periods. After rehydration, freeze dried materials can be restored to their pre-freeze-dried state, retaining their original biochemical characteristics.

Features

- Optimized compact design;
- SS304 material trays & Aluminum rack;
- High-definition color display;
- Compressor, stable and efficient;
- Famous branded vacuum pump, low noise and no oil mist;
- Advanced intelligent drying program, easy operation;
- Upgradeable system for continuous optimization. High dehydration efficiency, energy saving;
- Real time status display;
- Clear observation window.



Specification

Model	STFD-200
Power	3 2 0 0 W
Water Harvesting Ability	20 kg / 24 h
Freeze-drying Area	1.46 m ²
Processing Capacity	20 kg / batch
Cold Trap Temperature	-45 °C
Operating Noise	65 dB
Adjustable Temperature	-28- -16 °C / -20- -5 °C
Vacuum Pump Brand /	Value / V R B D
Ultimate Vacuum	15 Pa
Compressor Brand	Cubigel
Number of Layers	7
Machine Size	100 × 65 × 100.5 cm
Shelf Spacing	42 mm
Net Weight	121 kg
Material Tray Size	748 × 280 × 20 mm
Gross Weight	160 kg
Pumping Speed	16 m ³ / h
Package Size	108 × 72 × 134 cm