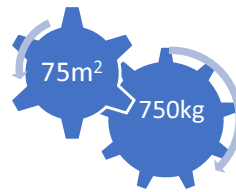


Freeze dryer FD-750



FD-750 Freeze dryer introduction

The FD-750 freeze dryer, can also be used for processing other materials like coffee, meat, meal, protein, fish, sea food, pet's food. In practice, the users mostly process fruits and vegetables by this type of freeze dryers. The FD-750 freeze dryer is as short as FD-500, its length is less than 6 meters, suitable for a 20 feet container which saves shipping cost and meanwhile flexible for small factories, if the installation space is limited. The FD-750 freeze dryer comes with a separate blast freezer, support equipment and freeze-drying chamber. Product transportation is through overhead rail system and trolleys with higher working efficiency than any types of contact freeze dryers.

The water in the fresh product is quickly frozen to -35°C becoming ice. And the ice is sublimated in a vapor and removed out of the product, condensed on a low temperature vapor condenser. The product is dried 100% natural, without shape changing, color changing, nutrition lost, flavor lost, longer shelf time without additives and preservatives.

The main components are top brand compressor, vacuum pump, PLC and Electric. The world's top brand accessories suppliers are the backing of KEMOLO freeze dryers. Stringent quality control with pressure, leakage protections, personnel protection; parameter setting access protection, the KEMOLO freeze dryer is safer, more stable and reliable; strictly inspected and tested before leaving the factory.

As a professional manufacturer of freeze dryer, KEMOLO can provide you with the complete set of lyophilization solutions you want, high-quality and low-cost food freeze drying equipment, and help you build your own freeze-drying brand in a short time.



Technical specification

Model	FD-750
Capacity	750kg/batch
Vapor Condenser Temperature ($^{\circ}\text{C}$)	-45°C
Shelf Temperature ($^{\circ}\text{C}$)	Ambient temperature to max. 100°C
Product Cooling	In IQF (-35°C)
Shelf Area	75.0m^2
Trolley	Included
Rail I steel, elbow & IQF	Included
Refrigeration compressor	Screw type
Refrigerant	R404A (Users provide)
Cooling way	By air/water cooling
Vacuum system	Vacuum pump + booster
Ultimate vacuum level (Pa)	10 Pa
Installed power	115 kW
Defrost way	By hot water
Control system	PLC with HMI; Manual & Auto control, Records
Installation area (m^2)	180m^2
Chamber dimension	$5800*2600*3200\text{mm}$ (L*W*H), SUS304
Estimated Weight (kg)	14000kg