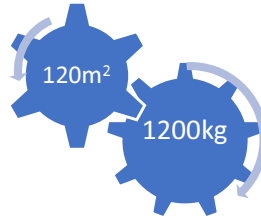


Freeze dryer FD-1200



FD-1200 Freeze dryer introduction

FD-1200 industrial freeze dryer's fresh food product input capacity is 1200kg, a good model for export and shipped by container as its length is just fit a 40 feet container. The water in the fresh food is quickly frozen to -35° C becoming ice. And the ice is sublimated in o vapor and removed out of the product, collected 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 FD-1200 industrial freeze dryer machine is widely used in food industrial applications to process fruits, vegetables, plants, meat, sea food, cooked food, milk, coffee, pet's food etc.



User-friendly design

Scientific and reasonable workshop layout; The height of equipment is easy for people to operate; 4 languages in touch screen and showing at any page, the operators would never lose themselves at a foreign language page; 1 touch screen near the door, and 1 touch screen on the control box. It is convenient in use. And system can be run automatically.

Equipment Safety

The KEMOLO industrial freeze dryers are with all necessary protections. The users are free from any risks of explosion, combustion and electric shock.

5G/4G/WiFi monitor and control

KEMOLO industrial freeze dryer could be monitored and controlled by PC or mobile phone App through 5G/4G or WiFi.



Technical specification

Model	FD-1200
Capacity	1200kg/batch
Vapor Condenser Temperature (°C)	-45°C
Shelf Temperature (°C)	Ambient temperature to max. 100°C
Product Cooling	In IQF (-35°C)
Shelf Area	120.0m 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	204 kW
Defrost way	By hot water
Control system	PLC with HMI; Manual & Auto control, Records
Installation area (m ²)	250 m ²
Chamber dimension	10060*2600*3200mm (L*W*H), SUS304
Estimated Weight (kg)	19000kg