

Freeze Dryer



INTRODUCTION

The tabletop type and vertical type freeze dryer is suitable for freeze drying test of laboratory biomedical samples. Widely used drugs, biological products, chemical and food industries. On the heat-sensitive substances such as antibiotics, vaccines, blood products, hormones and other biological tissue enzymes, freeze-drying technology is applied.

FEATURES

1. The 7 inch LCD display panel.
2. Cascade refrigeration technology.
3. With historical data inquiry function.
4. Drying cabinet is transparent which is visual and safe.
5. Large capacity ice condenser trap and without coil inside.
6. The machine is equipped with USB interface on control panel.
7. Ice condenser trap and operation panel are made by stainless steel.
8. The pre-freeze shelf can be used as guide barrel to speed up the drying rate.



ACCESSORIES



Standard Chamber



Stoppering Chamber



Standard Stoppering Chamber with 8 Port Manifold



Standard Chamber with 8 Port Manifold



Rubber Valve and Round Flask



Stainless Steel 8 Port Manifold



Stainless Steel Shelves



Stainless Steel Chamber



Wide Mouth Flask

INTRODUCTION

Biobase series vacuum freeze dryer (square cabinet) is suitable for laboratory samples of freeze drying test, pilot use, and a small amount of production



Filter



European Brand Compressor



High-effective Heat Exchanger



LCD Touch Screen

TECHNICAL PARAMETERS

Model	BK-FD10S	BK-FD10T	BK-FD10P	BK-FD10PT
Type	Standard chamber	Stoppering chamber	Standard chamber with 8 port manifold	Standard stoppering chamber with 8 port manifold
Final Condenser Temp (°C)	≤ -56	≤ -56	≤ -56	≤ -56
Vacuum Degree (Pa)	<10	<10	<10	<10
Freeze Drying Area (m ²)	0.12	0.09	0.12	0.09
Ice Condenser Capacity (Kg/24h)	3	3	3	3
Shelves	4	3	4	3
Material Loading Capacity/Shelf (ml)	300	300	300	300
Material Loading Capacity (ml)	1200	900	1200	900
Freeze Drying Time (H)	24	24	24	24
Manifold	/	/	8 pieces	8 pieces
USB Interface	Yes	Yes	Yes	Yes
Drying Chamber (Standard)	Transparent acrylic			
Vacuum Pump (Standard)	Model: 2XZ-2, Speed: 2L/s (China-Made)			
Control System	Microprocessor, touch screen			
Power Supply	AC220V±10%, 50/60Hz			
External Size(W*D*H) mm	580*625*530/960			
Package	Main Body	670*660*610		
Size	Drying Chamber	350*350*570		
	Vacuum Pump	570*370*190		
Gross Weight	105kg	110kg	110kg	110kg
Note	Shelf(plate) heating and cold trap(ice condenser) defrosting function are optional; The vacuum pump, standard drying chamber and all other accessories, like valve, flask etc. are standard accessories; The vacuum pump is independently packed in a separate package.			