



Lyophilization Dryer Laboratory LCD Display Freeze Dryer



Pre-freeze drying process at in situ situation, reduce the complicate operation from drying process, become automatically;

- Shelf temperature differences $\pm 1^{\circ}\text{C}$, dry effect uniform;
- Intermediate medium circulation technique, shelf can refrigeration, heating, temperature adjustable, controllable, pilot scale test and production process;
- Due to drying chamber and cold trap for fission structure, special gas circuit designed, capture water ability is strong and drying time to beshort;
- Embedded touch screen, PLC controlled and PID temperature controlled display lyophilized curve and history curve;
- Control system can be stored 40 freeze-dry process programs, each program can have 40 temperature settings, and can choose the manual operation and automatic operation, the Top-Press type is equipped with an automatic defrost function;
- Optional eutectic point test device;
- U disk data available;
- Equipped with PC software can print curve, browsing curve, modify data;



- Square tray is shape not easily to deformed, easy to operate and clean;
- Can be configured charging valve, rechargeable dry inert gas.
- Drying chamber adopts high light colorless transparent organic glass door, in operation process can be observed clearly the change of material process;
- Refrigeration system using overlap refrigeration technology, low refrigeration temperature, large refrigerating capacity, and adopt imported closed compressor, high efficient and reliable, low noise.

Drying chamber	VT-100F	Ordinary	Top-Press
	Drying Area	1.08 m ²	1.08 m ²
	No.of Tray	4+1 layer	4+1 layer
	Temp. Range	-70~70 °C	-70~70 °C
	Shelf Gap	70 mm	70 mm
	Shelf Size	600mm×400mm	600mm×400mm
Capture water trap	φ22 Schering bottles	2210	2210
	φ16 Schering bottles	4190	4190
	φ12 Schering bottles	7020	7020
	Temperature	-70°C (No-load)	-70°C (No-load)
	Ability to Capture Water	15Kg/24h	15Kg/24h
Parameters	Power	6.8 kw	7.4 kw
	Power Supply	380V 50/60Hz	380V 50/60Hz
	Plate Load Capacity	15 L	15 L

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تجهیزات پیشرفته ی آزمایشگاهی پزشکی
بیوتکنولوژی، سنجش و آنالیز

	Electric Defrost		√
	Vacuum	<10 Pa	<10 Pa
	Dimension	1300×1000×1450 mm	1500×1200×1600 mm
Drying chamber shape		square	square