

DW-12ND Electric Heating Freeze-Drying Machine

Characteristics:

- The machine uses the international brand Danfoss compressor refrigeration, refrigeration quickly, cold trap temperature is low.
- ◆ 7-inch true color touch LCD screen control system, easy to operate, and powerful.
- ♦ Industrial embedded operating system, ARM9 core control circuit design, 32M memory 128M FLASH, the operation response speed, large amount of stored data.
- ◆ The control system automatically save the freeze-dried data, and can be real-time curve and historical curve in the form of view, the entire freeze-drying process clear.
- ◆ The drying room with colorless transparent polycarbonate drying room, the sample is clear and intuitive, can observe the whole process of freeze-drying.
- ♦ Vacuum pump and host connection using the international standard KF quick connector, simple and reliable.
- ◆ The machine can store multiple freeze-drying curve, and use U disk to extract data to the computer, with the host computer software in the computer to browse print and a variety of options.
- The control system has 36 freeze-drying curve program options, each program contains 40 temperature control settings, can
- achieve a variety of materials freeze-drying process parameters recorded, a material freeze-dried time directly transferred to the corresponding program.
- The company's unique point heating heating curve calculation method, the temperature is more stable, no overshoot, temperature control more accurate.
- Equipped with inflatable valve, can be filled with dry inert gas;
- Partition temperature adjustable, controllable, can be explored, pilot and production process
- With manual and automatic two modes of operation, you can manually explore the new material freeze-dried curve

Parameters

DW-12ND	Ordinary	Top-Press	Ordinary Multi-Manifolds	Top-Press Multi-Manifolds
No-load Temperature	<-56°C	<-56°C	<-56°C	<-56°C
Freeze Area	0.12m2	0.076m2	0.12m2	0.076m2
Plate Load Capacity	1.5L	1L	1.5L	1L
Ability to Capture Water	4Kg	4Kg	4Kg	4Kg
Vacuum Degree	<10Pa	<10Pa	<10Pa	<10Pa
Machine Dimension	W600×D460×H(730+450) mm	W600×D460×H(730+450) mm	W600×D460×H(730+450) mm	W600×D460×H(730+450) mm
Sample Tray Size	4×Ф200mm	Ø 3×180mm	4×Ф200mm	Ø 3×180mm
Power	950W	950W	950W	950W
Power Supply	110V/60Hz or 220V/50Hz	110V/60Hz or 220V/50Hz	110V/60Hz or 220V/50Hz	110V/60Hz or 220V/50Hz
interlayer spacing	70mm	70mm	70mm	70mm
Cold trap size	Ø215×160mm	Ø215×160mm	Ø215×216mm	Ø215×216mm
The number of Schering bottles	Ø22: 260	Ø22: 165	Ø22: 260	Ø22: 165
	Ø16: 480	Ø16: 285	Ø16: 480	Ø16: 285
	Ø12: 920	Ø12: 560	Ø12: 920	Ø12: 560
N.W./ G.W	120KG/135KG	125KG/140KG	135KG/150KG	140KG/155KG
Picture				