

Silicone Oil Heating Freeze-Drying Machine

DW-20F

Characteristics:

- Pre-freeze drying process at in situ situation, reduce the complicate operation from drying process, become automatically;
- Shelf temperature differences ± 1 °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 be short;
- 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.

Specifications

	DW-20F	Ordinary	Top-Press
Drying chamber	Drying Area	0.21m2	0.21m2
	No.of Tray	2+1 layer	2+1 layer
	Temp. Range	-55~60°C	-55~60 °C
	Shelf Gap	70mm	70mm
	Shelf Size	400mm×270mm	400mm×270mm
Capture water trap	φ22 Schering bottles	430	430
	φ16 Schering bottles	810	810
	φ12 Schering bottles	1300	1300
	Temperature	-70°C (No-load)	-70°C (No-load)
	Ability to Capture Water	4Kg/24h	4Kg/24h
Parameters	Power	3kw	3kw
	Power Supply	110-115V or 220-240V 50/60Hz	110-115V or 220-240V 50/60Hz
	Plate Load Capacity	3L	1.5 L
	Electric Defrost		√
	Vacuum	<5 Pa	<5 Pa
	Dimension	750×640×1200 mm	750×640×1200 mm
Drying chamber shape		square	square
N.W		236KG	286KG
Picture			