



Ningbo Scientz Biotechnology Co.,Ltd



Freeze dryer (SCIENTZ-100FD) Silicone oil heating

Features :

1. The machine adopts international brand Danfoss compressor ,quickly refrigeration ,low temperature of cold trap
2. 7" LCD touch control system ,operation simply and convenient and powerful .
3. Industrial embedded operation system and ARM9 core control circuit design ,32M and 128 flash memory ,operation response quickly ,large amount of stored data
4. The control system can stored dry data automatic ,and can view real time curve and history curve, it's very clearly for whole dry process
5. The drying chamber adopts colorless transparent carbon drying chamber ,sample clear intuitive can be observed during the process of freeze-drying
6. Vacuum pump connect with host adopt international KF fast connector ,concise and reliable
7. The device can be stored for many times drying curve and U disk to extract the data to the computer, using a machine software in the computer scan ,print and various options
8. The control system has 36 drying curve for selection ,each solution including 40 periods of temperature control set ,which can realize a variety of materials freeze-drying process parameters record ,some material freeze drying process parameters record ,some material freeze-dried moment directly obtain the corresponding solutions

9. The company unique dot heating curve of temperature calculation ,temperature is more stable, no overshoot ,more accurate temperature control
10. Configuration charging valve ,rechargeable dry nitrogen gas
11. Tray board temperature can be adjustable controlled and fumble ,test and production process
12. Equipped with manual and automatic two kinds of working mode ,can be manually to check for the new material of freeze-drying curve
13. Heating mode: by silicone oil

Spesification :

Model	ordinary
Cold chamber (no load)	<-70℃
Vacuum drgree (no load)	<5 Pa
Dry area	1.08 m ²
Material tray	600mm×450mm (5 tray)
Tray space	70 mm
Tray volume	12.5L
Schering bottle quantiy	2210
	4190
	7020
Capture water	20kg
Voltage/Frequency	380V 50HZ
power	7.5kw
Temperature range	--70℃--+70℃
Host size	W1280×D1050× H1735 mm



Standard list :

Host +4 tray heating board+dry chamber
+7"LCD display.



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