

STALWART

Benchtop Freeze Dryer SDF-18 Series



SDF-18S



SDF-18T



SDF-18P



SDF-18PT

Introduction

Freeze dryer is widely applied in pharmaceutical industry, biotechnology industry, biological science industry, materials science industry, chemical industry, food and agriculture industry etc. It is used to produce vaccines, drugs and permanently store biological tissues/organs.

Humanized Design 7" Colorful touch panel, can digital and curve display the real me status and historical data. Large FAT32 files system storage can store all data for more than 1 month. USB interface can download the freeze-drying data to U disk. Rack temperature can adjustable, controllable which helps to search for freeze-drying technology. It is two types manual and automatic type. The Automatic process can setting 36 programs, each program can set 40 temperature range, it can meet different requirements on freeze-drying process. Automatic frost Optional Eutectic point test function helps users to control materials' sublimation point. Optional Freeze drying flask.

Specification

Model	SDF-18S	SDF-18T	SDF-18P	SDF-18PT
Type	Standard Chamber	Stoppering chamber	Manifold type Standard chamber with 8 port manifold	Standard/Stoppering chamber with 8 port manifpld
Final condensor temp (C)	-55 or -80	-55 or -80	-55 or 80	-55 or 80
Vacuum Degree (Pa)	<10	<10	<10	<10
Condenser Volume (L)	23	23	23	23
Freeze drying area (m2)	0.18~0.27	0.135	0.18~0.27	0.135
Ice condenser capacity (Kg/24h)	6	6	6	6
Qty of shelf	4	3	4	3
Material loading capacity/shelf (ml)	450	450	450	450
Material loading capacity (ml)	1800	1350	1800	1350
Freeze drying time (h)	24	24	24	24
Manifold	/	/	8 pieces	8 pieces
USB interface	Y	Y	Y	Y

Specification

Drying chamber (standard)	Transparent acrylic	
Vacuum Pump	Speed:2L/S	
Control System	Microprocessor,touch screen	
Power Supply (V/HZ)	220V/Hz,60Hz	
Exterior dimension (WxDxH mm)	560*710*950/1390	
Penicillin bottle ø22	360	270
Penicillin bottle ø16	740	555
Penicillin bottle ø12	320	990