

Freeze Drying Machine



- SASTEC series Freeze Drying Machine is programmable and easy to use. PID control ensure precise temperature and are fitted with a large LCD screen. The machine provides users with more information about Freeze Drying process by way of a curve and data.

Features:

- Place the material into the drying chamber, in site pre-freezing and drying, to achive the automation of the process of freeze dryer
- Reliable completely closed compressor to remove water.
- Transparent drying chamber with 8 flasks
- Stainless steel shelves.
- CFC free refrigeration system, high condenser capacity, auto defrost.
- Cold trap made of stainless steel, sample pre-freezen function.
- Heating elements made of special materials used to reduce the layers of the complicated temperature control operation, to ensure the consistency of the sample heated.
- Multi temperature protection to ensure sample heated.
- Using PID temperature regulation, touch screen display drying curve, have the communication interface with computer.
- Connect with the computer to printed at any time and observe the temperature curve.
- Special manual gland the operation is simple and reliable.
- Low energy consumption, big dry area, independent operation of the drying chamber.
- Complete with vacuum pump.

Specification of Freeze Drying Machine

Model	ST-30N	ST-50N
Number of Flasks	8	8
Freeze Area (m ³)	0.3	0.5
Condensation temperature (°C)	-55	-55
Vacuum (Pa)	13	13
Water removal (kg/24h)	10	15
Material Plate (mm)	280 x 5	370 x 5
Dimension (L x W x H) cm	75 x 80 x 80	85 x 80 x 80
Weight (kg)	150	170