

Freeze Dryer

Widely used in the fields of medicine, pharmacy, biological research, chemical industry and food. The freeze-dried articles are easy to be stored for a long time, and can be restored to the state before freeze-drying and maintain the original biochemical properties after processing.

Feature:

1. Refrigeration uses Linde-hampson, the world's leading technology, with a refrigeratory (secondary cooling by refrigeration), high refrigeration efficiency;
2. The use of environmentally friendly refrigerants (absolutely does not contain the refrigerants banned by the state, some manufacturers still use the mixed refrigerant scheme with the ratio of R12 and R22 banned by the state);
3. Refrigeration temperature :
3.1 Temperature of cold trap up to standard (no load): -80 (DegC) and room temperature <28 (DegC)
3.2 Limit cold trap temperature (no load): <85 C, room temperature <25 C;
4. Using a 7-inch touch screen, the display is intuitive and easy to operate, without defining the inexplicable button selection .
5. Support freeze-drying data curve recording function .
6. The requirement of cold trap temperature can be set when the vacuum pump starts, so as to avoid starting the vacuum pump when the cold trap temperature does not reach the effective low-temperature water catching performance, resulting in water entering the vacuum pump .
7. With an additional set of sensors, it can be used to measure sample temperature and record data .
8. Temperature and vacuum have correction function.
9. Switching unit with vacuum pressure display, supporting Mbar (millibar), Pa (Pascal), Torr (T d) .
10. Free upgrade of electric defrosting function



Main Technical Parameters:

Parameter	FSF-10				FSF-12				FSF-18				Unit
	FSF-10A	FSF-10B	FSF-10C	FSF-10D	FSF-12A	FSF-12B	FSF-12C	FSF-12D	FSF-18A	FSF-18B	FSF-18C	FSF-18D	
Capacity	10L	10L	10L	10L	12L	12L	12L	12L	18L	18L	18L	18L	
Weight	200kg	200kg	200kg	200kg	250kg	250kg	250kg	250kg	350kg	350kg	350kg	350kg	
Temperature	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	<28
Pressure	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Power	2.0	2.0	2.0	2.0	2.5	2.5	2.5	2.5	3.5	3.5	3.5	3.5	3.5
Temperature Correction	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1
Pressure Correction	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1	±0.1
Temperature Range	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80
Pressure Range	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1