

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-10E				FSF-12E				FSF-18E			
	FSF-10E	FSF-12E	FSF-18E	FSF-18E	FSF-10E	FSF-12E	FSF-18E	FSF-18E	FSF-10E	FSF-12E	FSF-18E	FSF-18E
Capacity	10L	12L	18L	18L	10L	12L	18L	18L	10L	12L	18L	18L
Weight	100kg	120kg	180kg	200kg	110kg	130kg	190kg	210kg	120kg	140kg	200kg	220kg
Temperature	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80	-80
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
Power	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Dimensions	400x400x1200	400x400x1200	400x400x1200	400x400x1200	400x400x1200	400x400x1200	400x400x1200	400x400x1200	400x400x1200	400x400x1200	400x400x1200	400x400x1200
Material	304	304	304	304	304	304	304	304	304	304	304	304
Warranty	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year	1 year