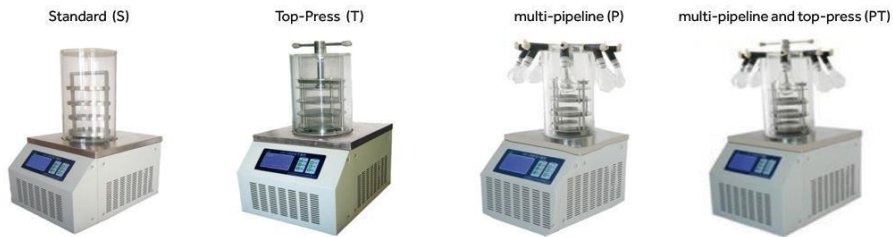


◆ DFD-10/12 series vacuum freeze dryer (table type)



Model	DFD-10S	DFD-10T	DFD-10P	DFD-10P	DFD-10PT	DFD-12S	DFD-12T	DFD-12P	DFD-12PT
Cold trap temp (°C)	-55/-80	-55/-80	-55/-80	-55/-80	-55/-80	-55/-80	-55/-80	-55/-80	-55/-80
Vacuum degree (Pa)	<10	<10	<10	<10	<10	<10	<10	<10	<10
Cold surface area for freeze-drying (m ²)	0.12	0.075	0.12	0.12	0.075	0.12-0.18	0.075	0.12-0.18	0.075
Water capture capability (Kg/24h)	3	3	3	3	3	4	4	4	4
Load materials (ml)	1200	750	1200	1200	750	1200-1800	750	1200-1800	750
Plate load materials / shelf (ml)	300	250	250	250	250	300	250	250	250
Layer	4	3	4	4	3	4-6	3	4-6	3
Material tray specification (φ *h mm)	200X20	180X20	180X20	180X20	180X20	200X20	180X20	180X20	180X20
Freeze drying time (h)	24	24	24	24	24	24	24	24	24
Pipe	/	/	8	8	8	/	/	8	8
	φ 20mm	260	165	165	165	165	260	165	165
Bottle	φ 18mm	480	285	285	285	285	480	285	285
	φ 12mm	920	560	560	560	560	920	560	560
Exterior dimension (mm)	565X420X360/430					565X460X720/450			

Purpose:

The machine is suitable for freeze drying test of laboratory biomedical samples and a small amount production.

Series:

The product has 4 series: Standard (S), Top-press (T), Multi-pipeline, (P), Multi-pipeline and top-press (PT)

Specification:

- The LCD display panel, which is for English language, can display drying curve, cold trap temperature, running time, vacuum degree, etc.
- Large opening trap, no coil inside, with samples pre-freeze function.
- Cascade refrigeration technology, imported compressor which is low noise, large cooling capacity and high capacity of water-capture,
- The pre-freeze shelf can be used as guide barrel to speed up the drying rate.
- Cold trap and operation panel are made by stainless steel, corrosion-resistant and easy to clean.
- Transparent bell-cap drying cabinet is visual and safe.
- The sample shelves are stainless steel, which can be adjustable as per the requirement.
- Valve with Nitrogen is optional.

Remark: The above information is for reference only specifications subject to change without notice