

LFD 8055/8085/8105

LFD 8 series standalone freeze dryer, build-in vacuum pump reduces floor space, noise and oil pollution. Outstanding cold trap and bigger ice capacity enables more sample freeze drying. Optional T-type manifold chamber and bigger shelves are available to enlarge freeze drying area.

Freeze dry your sample as desired



Technical Specification	LFD 8 series		
	LFD 8055/8085/8105		
Lyo S operating system	●	Condenser temperature	-55/-85/-105°C
Vacuum control	●	Shelf Qty.	3 or more shelves
Hot gas defrosting	●	Shelf area	0.16 m ² -0.32 m ²
Flange face seal	●	Shelf dimension	Φ260mm
External coil condenser	●	Condenser efficiency	8Kg/24h
Teflon anti-corrosion coating	●	Max. ice capacity	12Kg
Frosting-proof insulation	●	Ultimate vacuum	0.01mbar/1pa
Sample temperature stimulation	●	Vacuum control range	0.001-1000mbar
One-key pressure relief	●	Main unit dimension	W700*D650*H1015mm
Vacuum pump anti-backfilling design	●	Main unit weight	125kg/145kg
Corrosion-resistant pump	○	Main unit power	1.1KW/1.8KW/1.9KW
Stopperring device	○	Power supply	16A, 220V

Remarks: ● Standard ○ Optiona — N/A

LFD 8 Series Optional



No.	Parameter
Figure 1	One-piece drying chamber, inner height 470mm, 6 nos. of $\Phi 260$ mm shelves, shelf area 0.32m ² , shelf spacing 70mm. (shelf quantity customized)
Figure 2	One-piece drying chamber, inner height 470mm, 6 nos. of $\Phi 260$ mm shelves, shelf area 0.32m ² , shelf spacing 70mm, 8 ports to connect bottles. (shelf quantity customized, optional 12 ports)
Figure 3	2 nos. of $\Phi 250$ mm stoppering shelves with 8 ports, total shelf area 0.1m ² , can stopper vial under vacuum or stopper after backfilling proper gas.



No.	Parameter
Figure 1	T type manifold with 12 ports to connect round bottom flask and wide neck bottles.
Figure 2	Tree type manifold with 8 ports to connect round bottom flask and wide neck bottles.
Figure 3	T type double tier manifold with 24 ports to connect round bottom flask and wide neck bottles
Figure 4	Tree type manifold with 24 ports to connect round bottom flask and wide neck bottles.