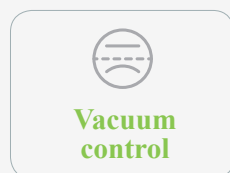
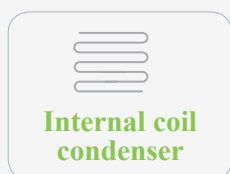


LFD 4055/4085

Professional freeze dryer explores the new peak of lab freeze dryer!

LFD series freeze dryer has LFD 4055 and LFD 4085, compatible with various chambers, compact design, suitable to all kinds of small/medium/big labs!

Freeze dry your sample as desired



Technical Specification	LFD 4 series		
	LFD 4055/4085		
Lyo S operating system	●	Condenser temperature	-55/-85°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	4Kg/24h
Teflon anti-corrosion coating	●	Max. ice capacity	4Kg
Frosting-proof insulation	●	Ultimate vacuum	0.01mbar/1pa
Sample temperature stimulation	●	Vacuum control range	0.001-1000mbar
One-key pressure relief	●	Main unit dimension	W455*D550*H430mm
Vacuum pump anti-backfilling design	●	Main unit weight	53kg/66kg
Corrossion-resistant pump	○	Main unit power	0.8KW/1.3KW
Stopperring device	○	Power supply	10A, 220V

Remarks: ● Standard ○ Optiona — N/A

LFD 4 Series Optional



No.	Parameter
Figure 1	One-piece drying chamber, inner height 330mm, 3 nos. of $\Phi 260$ mm shelves, shelf area 0.16m ² , shelf spacing 90mm (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.
Figure 3	2 nos. of $\Phi 250$ mm stoppering shelves, total shelf area 0.1m ² , can stopper vial under vacuum or stopper after backfilling proper gas.



No.	Parameter
Figure 1	One-piece drying chamber, inner height 330mm, 3 nos. of $\Phi 260$ mm shelves, shelf area 0.16m ² , shelf spacing 90mm, 8 ports to connect bottles. (optional max. 6 shelves, shelf area 0.32m ²)
Figure 2	One-piece drying chamber, inner height 330mm, 3 nos. of $\Phi 260$ mm shelves, shelf area 0.16m ² , shelf spacing 90mm, 12 ports to connect bottles. (optional max. 6 shelves, shelf area 0.32m ²)



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	Ampoule manifold with 48 ports to connect 48 ampoules.