

LGJ-10 laboratory Freeze Dryer



LGJ-10 freeze dryer with benchtop design, compact size and simple structure, easy operate by touch screen controller system, enable you real-time check the raw material temperature, ice condenser temperature and vacuum degree. Data collection, storage and could export to U-disk.

Configured to meet your demand, LGJ-10 Lyophilizer provide a module shelf with 4 plates, total area 0.12sq.m(1.29sq.ft), and 2Liters condensing capacity.

The whole system could split to 3 part, each move and assembly: main body, drying house and vacuum pump

Technical Details:

1. -50C or -80C vertical cylindrical ice collector, stainless steel 304 or stainless steel 316L material optional.
2. Benchtop design with compact size, removable drying house and shelf module.
3. Acrylic see through drying chamber, on top of drying chamber, various external device optional, for Flask, stoppering etc.
4. 7" Full color touch screen monitor:
 - Real time display ice condenser and raw material temperature, vacuum degree.
 - Freeze drying curve and history curve, display and export to U disk.
5. Ice condenser could use for raw material freezing.
6. Manual vacuum break valve.
7. Manual defrosting water discharge valve.
8. 2 stage vacuum pump with oil anti-back devices.

Technical Parameters:

Model	LGJ-10 (Standard)	LGJ-10-TP (Top Pressing)	LGJ-10-FT (Flask Holder)
Shelf Area	0.12m ²	0.08m ²	0.12m ²
Drying House Size	Φ260×430mm	Φ260×490mm	Φ260×465mm
Material Trays	4EA	3EA	4EA
Ice Capacity	2L/4L		
Condenser Temp.	-55°C/-80°C		
Vacuum	3Pa		
Defrosting	Natural Defrosting		
Control Type	Touch Screen		
Power Install	970w/1200w		
Electric	110V/220V		
Install Size	615×450×800mm (-55°C)		
	850×680×835mm (-80°C)		