

VIKUMER®

Versatile Laboratory Freeze Dryer LGJ- 10



An economic freeze dryer/Lyophilizer with portable bench top design: compact size, simple structure, removable drying chamber and shelves, easy move, assembly and operate by touch screen controller system. LGJ freeze dryer is the ideal lyophilization equipment for your lab scale research, experimental even small volume production.

Configured to meet your demand, LGJ freeze dryer/Lyophilizer provide a removable shelf module with 3/4 plates with valid shelf area 0.08m² to 0.27m², Vapor collect condenser temperature - 55C/-80C and 2L/4L vapor collect capacity.

A 7" Touch screen controller could real-time display raw material temperature, ice condenser temperature and vacuum level. Lyophilization data could export to U-disk.

Technical Features:

- Portable bench top.
- Freeze dryer and chamber 2 part. Easy assembly, operate and cleaning.
- Vertical cylindrical, acrylic see-through drying chamber.
- -55C or -80C Condenser, stainless steel vertical cylindrical type vapor collector.
- 3L~4L condenser capacity.
- Condenser could use for raw material freezing, freezing rack provide.
- 2 stage vacuum pump, system final vacuum degree <5Pa.
- Vacuum pump connect freeze dryer by hose and quick loop.
- 7" Full color touch screen monitor:
 - Real time display ice condenser, raw material temperature and vacuum degree.
 - Freeze drying curve and history curve display and export to U disk.
- Manual vacuum break valve.
- Manual defrosting water discharge valve.
- Freestanding models could select shelves heating (36V safety voltage, heating temperature control system).

Technical Parameters:

Model	LGJ-10
Type/Function	Shelf/Tray type freeze dryer
Trays Area	0.12m ²
Trays Quantity	4EA
Tray Size	Dia.200mm
Condenser	2L/4L
Condenser Shape	Vertical Cylindrical
Condenser Temperature	-55C/-80C
Vacuum (Final)	<3Pa
Power	970w/1200w
Install size (-55C)	615*450*800mm
Install size (-80C)	850*680*835mm
Voltage	110V/220V