

LGJ-10 BENCHTOP LABORATORY FREEZE DRYER



Benchtop Freeze Dryer

Laboratory Basic Research Freeze Dryer



Technical Parameters

	LGJ-10 (-55C)	LGJ-10 (-80C)
Condenser Capacity	5.5L	5.5L
Condenser Performance	2Kgs/24Hrs	3Kgs/24Hrs
Condenser Temp.	-55C	-80C
Base Unit Size	W/420*D/640*H/350mm	W/520*D/680*H/520mm
Estimate Weight	45Kgs	65Kgs
Power Install	600w	1180w
Voltage	110V/220V	110V/220V

Technical Features

- Compact benchtop unit.
- Powder coated steel cabinet with rubber feet.
- Easy cleaning stainless steel countertop.
- Upright stainless steel ice condenser with 5.5L volume.
- Vapor collect capacity up to 3kgs in 24hrs period ^[1].
- 6 Selections of drying chamber ^[2], capable of drying material in trays, vials, ampoules, flasks or simultaneously.
- 1 compressor for -55C model, 2 compressors for -80C model.
- Air cooled compressor system.
- Side mounted vacuum connection and condenser water drain valve.
- Microprocessor-based controller, 7” user-friendly touch screen HMI, intuitive LYO-LAB interface:
- Large virtual buttons of compressor and vacuum pump.
- Real-time temperature readings of ice condenser, raw material and vacuum degree.
- Real-time freeze drying trend, data-logging functionality and can be exported via USB.
- System settings and sensors calibration.

Benchtop Freeze Dryer

Laboratory Basic Research Freeze Dryer

Accessories



Type A



Type B



Type C



Type D



Type E



Type T

Item	Description	Size	Trays
Type A	Standard chamber	Dia.260*430mm	Dia. 200mm (4pcs)
Type B	Stoppering chamber	Dia.260*490mm	Dia.180mm (3pcs)
Type C	Standard chamber with 8 manifolds	Dia.260*465mm	Dia. 200mm (4pcs)
Type D	Stoppering chamber with 8 manifolds	Dia.260*540mm	Dia. 180mm (3pcs)
Type E	S/S rack with rubber valves for ampoules	24 Manifold: W/480*H/430mm 48 Manifold: W/480*H/500mm	/
Type T	S/S rack with rubber valves for flasks.	12 Manifold: W/650*H/430mm 24 Manifold: W/650*H/520mm	/

Options

Item	Part No.	Description
S/S316L material		
PTFE coated condenser		
Vacuum regulate kit		
Oil sealed vacuum pump		
Dry vacuum pump		
Eutectic point detector		

Vekuma Machinery Co.,Ltd

Add: No.32 Guohuai Street, High-tech Zone, Zhengzhou, China

Tel: +86-13803827075 | Web: www.vikumer.com | Mail: info@vikumer.com