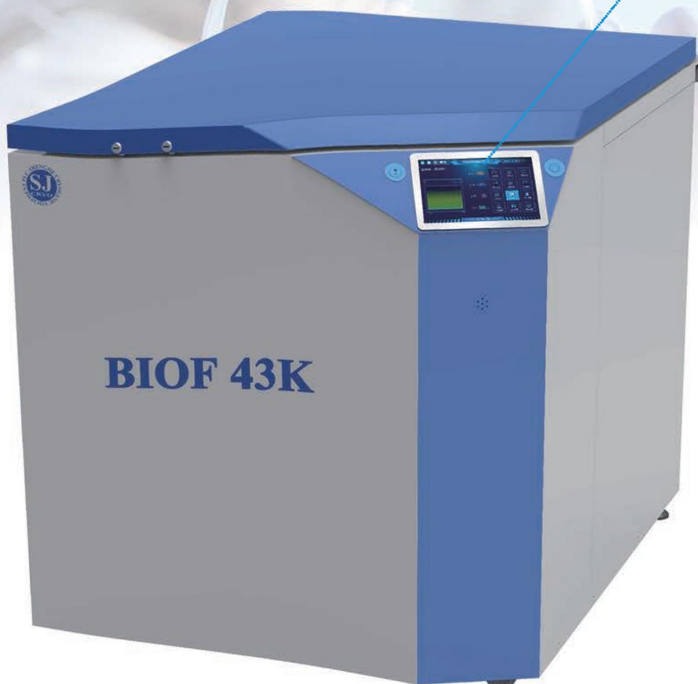


LIQUID NITROGEN BIOREFRIGERATOR



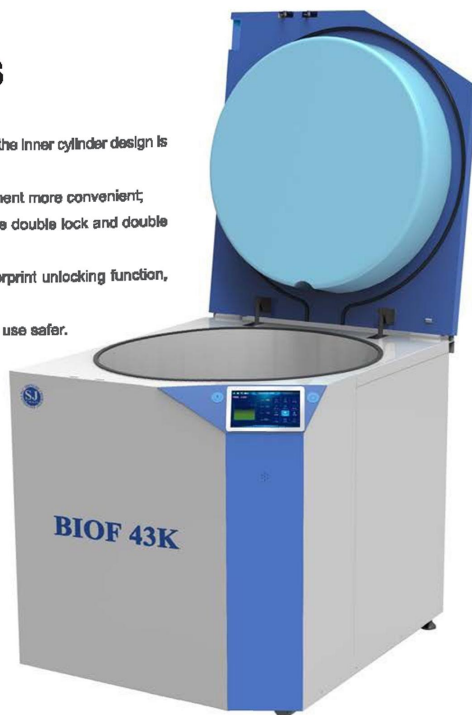
PRODUCT OVERVIEW

The liquid nitrogen biological refrigerator has novel appearance and strong sense of medical equipment, and is suitable for various sample banks, hospitals and laboratories. Dual lock design can effectively protect the sample safety; Intelligent management can connect to cloud server, touch screen operation makes the use easier, and has its own power conversion device, equipped with liquid nitrogen filter, reduces impurities and improves the life of the whole machine.



PRODUCT ADVANTAGES

- 1 The square shell shows the magnificence and beauty, and the inner cylinder design is conducive to high vacuum multi-layer insulation;
- 2 The top of the product is opened to make sample placement more convenient;
- 3 The cover plate design saves the operation effort and the double lock and double control design makes the sample safer to store;
- 4 The control instrument uses touch screen and has fingerprint unlocking function, which makes the product more beautiful;
- 5 It has the function of anti-leakage protection to make the use safer.



SPECIFICATIONS

MODEL	BIOF 43K	
Working Voltage	DC24V	
Using Power Supply	AC220V/AC110V	
Outline Size	1340x1100x1200	
Applicable to Frozen Parts	Blood bag rack, square bucket, round bucket	
Control Mode	Automatic intelligent control	
Design Temperature for Freezing Storage	-196°C ~ Normal atmospheric temperature	
Design Pressure	Open atmospheric pressure	
Opening Size	Φ1000mm	
Geometric Volume	550L	
Design Weight	400KG	
Insulation Form	High Vacuum Multilayer Insulation	
	Gas phase	Liquid phase
1.2, 1.8 & 2 ml Vials (Internally Threaded) (ea)	33550	42900
Number of Racks with 25 (5×5) Cell Boxes (ea)	10	8
Number of Racks with 100 (10×10) Cell Boxes (ea)	28	31
Number of 25 (5×5) Cell Boxes (ea)	110	104
Number of 100 (10×10) Cell Boxes (ea)	308	403
Number of Stages per Rack (ea)	11	13

YDC-3000 SAMPLE FUMIGATION OPERATING VEHICLE



PRODUCT OVERVIEW

YDC-3000 sample fumigating vehicle main material uses high quality stainless steel, adopts high vacuum multilayer insulation, and the lid is made of aluminum alloy and insulation foam. It is portable and effective in controlling the evaporation rate of liquid nitrogen, and ensures the effectiveness and durability of the turnaround work in low temperature. It is mainly suitable for sample operation and transportation in hospitals, sample libraries and laboratories.

PRODUCT FEATURES

- ① Under the closed condition, the top temperature of the freezing box is below -180°C for more than 24 hours;
- ② Under the closed condition, the top temperature of the freezing box is below -170°C for more than 36 hours;
- ③ Temperature recorder;
- ④ The intake hose adopts CGA295 joint, which is easy to disassemble and assemble;
- ⑤ It is easy to move and park with the brake of the trolley casters.



SPECIFICATIONS

MODEL		YDC-3000
Outward Size (Long x Wide x High mm)		1465 x 570 x 985
In-box Space (Length x Width x Height mm)		1000 x 285 x 180
Use Space in the Box (Length x Width x Height mm)		1000 x 110 x 180
Shelf Space (Length x Width x Height mm)		1200 x 450 x 250
Maximum Storage Number	5 x 5 Freezing Boxes	65
	10 x 10 Freeze Storage Boxes	30
	50ml Blood Bags (One)	105
	200 ml Blood Bag Boxes	50
	2 ml Cryopreservation Tube	3000

FREEZE FRAME LIFTING DEVICE

Freeze frame lifting device is designed to solve the difficulty of extracting freezing shelf for laboratory personnel, and is used with gas phase liquid nitrogen tank. The products are divided into manual fixed extractor and mobile extractor according to their functions.

MANUAL FIXED AUXILIARY LIFTING DEVICE

FUNCTION INTRODUCTION

- 1 Use remote control to ascend and descend;
- 2 Laser positioning is used to realize the precise positioning of the extracting frame;
- 3 No welding installation can realize the non-destructive installation of liquid nitrogen tank;
- 4 With larger working area, 340 degree free rotation can be achieved.



SPECIFICATIONS

MODEL	TQQ-SG 1300	Deadweight	100kg
Maximum Lifting Height	1000mm	Maximum Lifting Weight	20kg
Sliding Distance of Cantilever Suspension Rope	600mm	Lifting Speed	5m/min
Cantilever Rotation Degree of Freedom	-170° ~+170°	Power	1550w
Fuseage Size (Length x Width x Height)	1900 x 560 x 1800mm		



ELECTRICALLY FIXED AUXILIARY LIFTING DEVICE

FUNCTION INTRODUCTION

- 1 Use remote control to ascend and descend;
- 2 Laser positioning is used to realize the precise positioning of the extracting frame;
- 3 No welding installation can realize the non-destructive installation of liquid nitrogen tank;
- 4 With larger working area, 340 degree free rotation can be achieved;
- 5 The boom slider is powered by electricity.



SPECIFICATIONS

MODEL	TQQ-DG 1300	deadweight	100kg
Maximum lifting height	1000mm	Maximum lifting weight	20kg
Sliding distance of cantilever suspension rope	600mm	Lifting speed	5m/min
Cantilever Rotation Degree of Freedom	-170° ~+170°	power	2550w
Fuselage maximum size (length x width x height)	1900x365x1800mm		

MOBILE AUXILIARY LIFTING DEVICE

FUNCTION INTRODUCTION

- 1 Use remote control to ascend and descend;
- 2 It can move in all directions according to need;
- 3 Standardized mobile power supply;
- 4 Foldable storage, easy to move and store.



SPECIFICATIONS

MODEL	TQQ-SY 1000
Lifting Height	2900mm
Cantilever Rotation Degree of Freedom	-20° ~ +20°
Folding Dimensions (Lengthx Widthx Height)	1500x800x2600mm
Expansion Dimensions (Lengthx Width xHeight)	2100x800x3400mm
Lifting Speed	5m/min
Maximum Lifting Weight	20kg
Power	500w