

# Biobank Series Liquid Nitrogen Container



## Scope and Application of the Product:

It is suitable for the cryopreservation of plasma, cell tissues and various biological samples in hospitals, laboratories, scientific research institutions, disease control and prevention centers, various biobanks and other industry related applications.



Easy to Access



Brand-new Intelligent  
Monitoring System



Industry Related Applications

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## Product Advantages



### Easy to Access

With the full opening design on the top of product, and hydraulic uncapping, it saves energy and is easier for storing and removing samples



### Reduced Frosting and Freezing

The brand-new cover and interlayer exhaust structure can effectively minimize frost buildup at exhaust port.



### Brand-new Intelligent Monitoring System

Its system is designed with the latest intelligent monitoring application and matched with an IoT module that can connect with the Haier's big data cloud platform to achieve remote data transmission. Integrating three screens, with access to the remote alarm via APP, e-mail, with other options available.

## Key Design Features

### Highest Degree of Safety

Double lock for double the protection, ensures safer storage of samples. The liquid nitrogen filter effectively reduces impurities which prolongs the service life of the whole machine.

### Ergonomic Design

Manufactured with its own USB interface and supports USB data export. The universal caster at the bottom makes easy to move. The product comes with adjustable back brake, it is convenient to fix and stabilize. When the external power supply is off, the unit can still work with battery power supply.

## Specifications

Model	CryoBio 11Z		CryoBio 20Z		CryoBio 34Z	
	Vapor Phase	Liquid Phase	Vapor Phase	Liquid Phase	Vapor Phase	Liquid Phase
1.2ml、1.8ml、2ml Vials (Internal Thread)	11000	13000	20350	24050	33550	42900
5×5Rack (vertical type)	-	-	10	10	10	8
10×10Rack (vertical type)	10	10	16	16	28	31
5×5Freezer Box	-	-	110	130	110	104
10×10Freezer Box	110	130	176	208	308	403
Layers of Vertical Type Rack	11	13	11	13	11	13
Volume of LN <sub>2</sub> (L)	200		340		550	
Exterior Dimensions (W*D*H)(mm)	1125 *860 *1190		1195 *960 *1190		1410 *1100 *1190	
Static Evaporation (L/Day)	7		10		12	
Empty Weight (kg)	180		260		400	
Inside Neck Diameter (mm)	610		790		1000	