



CryoBio 13



Hot Gas Bypass Function



NFC Clocking-in Function



10-inch LCD Touch Screen

# Biobank Series Liquid Nitrogen Container

## Scope of Application

It is suitable for scientific research institutes, electronic, chemical, and pharmaceutical enterprises, laboratories, blood stations, hospitals, disease control centers and other related institutions. It is ideal storage equipment for storing cord blood, tissue cells, biomaterials, and so on to maintain the activity of cell samples.

## Innovative Design

- Innovative Frost-free Design.
- Real-time Level, Temperature Monitoring.

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**Product Advantages**



**Ten-inch LCD Touch Screen**

10-inch LCD touch screen, easy to operate. The storage life of charts and digital data records is up to 5 years.



**Innovative Frost-free Design**

Unique exhaust structure to avoid frost on the neck. Brand-new drainage structure to avoid indoor ground water accumulation.



**Safe and Secure**

Cryosmart Level Monitoring System support fingerprint, NFC clocking-in function, providing multiple safeguards for sample safety.



**Auto-fill Function**

Manual and automatic liquid nitrogen filling modes available. With hot gas bypass function, the unit effectively reduces the temperature fluctuation in the tank when liquid nitrogen is filled, improving sample security.

**Ergonomic Design**

**Designed for Both Liquid and Vapor Phase Storages**

- Vapour phase storage can reach -190°C.

**Real-time Run Monitoring for Sample Protection**

- Real-time level, temperature monitoring.
- Remote alarm can also be made through APP, SMS, email, etc.

**User-friendly Design**

- Standard with fingerprint & NFC dual electric control lock, sample more secure.
- Universal casters, easy to move, and equipped with brakes.
- Sliding liquid inlet system cover, easy to operate.

**Specifications**

Model	2ml Vials (Internal Thread)	Freeze Rack (100 Wells)	Freeze Rack (25 Wells)	Layers of Each Rack	5ml vials (Internal Thread)	Freeze Rack (81 Wells)	Freeze Rack (25 Wells)	Layers of Each Rack
CryoBio 13	13000	12	4	10	5360	12	4	5

Volume of LN2 (L)	Volume of LN2 under the tray (L)	Operating Height (mm)	Usable Internal Height (mm)	Inside Neck Diameter (mm)	Height (mm)	Outside Diameter (mm)	Door Width Requirements (mm)	Empty Weight (kg)	Full Weight (kg)
350	55	990	600	326	1505	910	930	269	552