



CryoBio 43



Ten-inch LCD Touch
Screen



Auto-fill Function



Stable Performance,
Long Service Life

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 keep the activity of cell samples.

Innovative Design

- Innovative Frost-free Design
- Economic armrest structure
- Universal casters, easy to move, and equipped with brakes.

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Product Advantages



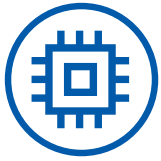
Innovative Frost-free Design

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



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.



Stable Performance, Long Service Life

The design life is as long as 30 years, with the inside manufactured with specialized materials and structures to ensure the temperature in the tank is stable.



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.

Product Parameter

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

- Economic armrest structure.
- Universal casters, easy to move, and equipped with brakes.
- The newly designed one-button pedal and hydraulic opening cover make it easier to pick and place samples.

Product Parameter

Model	2ml Vials (Internal Thread)	Freeze Rack (100 wells)	Freeze Rack (25 wells)	Layers of Each Rack	Volume of LN2 (L)	Volume of LN2 under the Tray (L)
CryoBio 43	42900	32	4	13	890	135

Operating Height (mm)	Usable Internal Height (mm)	Side Neck Diameter (mm)	Height (mm)	Outside Diameter (mm)	Empty Weight(kg)	Full Weight(kg)	Door Width Requirement (mm)
1000	773	465	1810	1240	471	1190	1260