

Biobank Series Liquid Nitrogen Container

**Safe, Secure and Stable
Cryogenic Storage
Solutions for Biobanking.**



CryoBio 95

Qingdao Haier Biomedical Co., Ltd.

No.280 Feng Yuan Road, High-tech Zone,
Qingdao, 266111, P.R. China
E-mail: inquiry@haierbiomedical.com
Website: www.haiermedical.com



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Core Features



Intelligent Control

- Intelligent Cockpit
- 10 inch LCD Touchscreen
- Effortless operation



Built-In Protection

- Smart LN₂ level monitoring
- Secure access via fingerprint and NFC card
- Autofill function



Built-In Stability

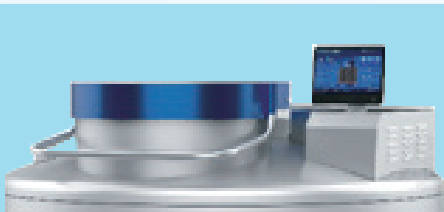
- High-efficiency design
- Designed for gas or liquid phase
- Low evaporation rates



Built-In Connectivity

- LN₂ supply level monitoring if connected to YDZ tank
 - Manual and automatic LN₂ filling modes
- IoT connectivity for realtime temperature and level monitoring

Ergonomic Design



Modular

- The design allows for gas or liquid phase storage.
- When used in the gas phase, the temperature at the top of the freezing storage rack holds at -190 °C.



Comfortable

- With special technology enabling easy opening, it saves you time and effort.
- Integrated step ladder, comfortable operating height.
- Universal casters with built-in brakes makes it ease to move and position in place.



Optional IoT

- Real-time and accurate monitoring of temperature and liquid level.
- The brand new drainage design prevents the build-up of condensate water around the neck which combined with the unique exhaust design avoids frost build up around the neck.

Intelligent Control: The CryoSmart Touchscreen – Beyond Temperature and LN₂ Monitoring, Total Control at Your Fingertips



10" High-Visibility Touchscreen

Engineered for biobank environments, the Cryobio 27 features a 10-inch touchscreen. Its crystal-clear display allows technicians to check system status and alarms at a glance - even from across the lab. The intuitive interface ensures quick, responsive control in even the most demanding workflows.

Secure Access for Critical Samples

With CryoSmart, you control who accesses your LN₂ storage. Biometric fingerprint login, optional swipe card access, and customizable user profiles protect your samples from unauthorized handling. Password-protected settings and authority management tools make security effortless - without slowing down your team.



Android-Powered Control for Total Oversight

Powered by an advanced Android-based system, the Cryobio 27 offers a user-friendly interface for seamless operation and precise control. The intuitive layout enables easy navigation, real-time tracking, and quick access to features. With enhanced customization and responsive controls, it streamlines compliance and ensures reliable performance in demanding lab environments.

Future-Proof with Free Software Upgrades

Enjoy free standard software upgrades throughout the life of the biobank, ensuring your LN₂ storage container stays up-to-date with the latest features. Customers can easily upgrade themselves via USB, keeping processes efficient and minimizing downtime.

Specifications

	Model	CryoBio 95
Maximum Storage Capacity	2ml Vials (Internal Thread)	94875
	Freezer Rack (100 Wells)	60
	Freezer Rack (25 Wells)	13
	Layers of Each Rack	15
	5ml Vials (Internal Thread)	46665
	Freeze Rack (81 Wells)	60
	Freeze Rack (25 Wells)	13
	Layers of Each Rack	9
Performance	Volume of LN ₂ (L)	1880
	Volume of LN ₂ Under the Tray (L)	320
Dimensions	Operating Height (mm)	1097
	Usable Internal Height (mm)	900
	Inside Neck Diameter (mm)	635
	Height (mm)	1950
	Outside Diameter (mm)	1565
	Door Width Requirements (mm)	1625
	Empty Weight (kg)	909
	Full Weight (kg)	2428
Others	Certification	CE

*Haier Biomedical reserves the right to change products and specifications without prior notice.