

Intelligent Liquid Nitrogen Container CryoBio 16



CryoBio 16

Scope of Application:

Suitable in scientific research institutes, electronic, chemical, pharmaceutical and other related industry enterprises, laboratories, blood stations, hospitals, centers for disease control and prevention and medical institutions. Ideal containers for storing and keeping active of blood bags, biological samples, biological materials, vaccines and reagents as key examples.

Innovative Design

- 10-inch LCD Screen
- Completely New Designed Third Generation
- Multiple Security Options
- Auto Liquid Filling System
- New Frost-Free Design

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Product Features



10-inch LCD Screen

Integrated 10-inch LCD screen, easy to operate. Charts and data can be stored for up to 10 years



Auto Liquid Filling System

Both manual and auto liquid feed are integrated, with hot gas bypass function, which effectively reduces the temperature fluctuation in the container to ensure the safety of the samples



Multiple Security

Brand-new intelligent monitoring system, supporting fingerprint and card unlocking. Comprehensive protection of sample safety



New Frost-Free Design

The unique exhaust structure avoids frosting on the neck. The new drainage structure avoids water accumulation on the indoor floor

Ergonomic Design



Modular Design

- Designed for both liquid and vapor phase storage
- The temperature on the top of the freezer rack can reach -190°C
- Integrated pipelines design without extra exposed pipelines



Informatization

- The IoT module ensures the bidirectional interaction of information between the monitoring system, mobile phones, and computer
- Precise real-time monitoring of temperature and liquid level by APP, SMS and emails



Easy Operation

- Double electronic control lock ensures better safety of stored samples
- The sliding liquid inlet system cover is more convenient to operate
- Universal casters with brakes, easy to move

Technical Specifications

Model		CryoBio 16
Max storage capacity	2ml vials (internal thread)	15600
	Freezer rack (100 wells)	12
	Freezer rack (25 wells)	4
	Layers of each rack	12
	5ml vials (slim type)	6432
	Freezer rack (81 wells)	12
	Freezer rack (25 wells)	4
	Layers of each rack	6
Performance	Volume of LN ₂ (L)	370
	Volume of LN ₂ under the tray (L)	55
	Operating height (mm)	900
Dimensions	Inside neck diameter (mm)	326
	Height (mm)	1395
	Outsize diameter (mm)	875
	Door width requirement (mm)	930
	Empty weight (kg)	345
	Full weight (kg)	644

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