

# Cryogenic Temperature (-190°C) Freezers and Sample Storage Systems



## Discover the Right Freezer for Your Needs

The right cryogenic storage system can help you maintain cold chain and preserve the integrity of cell-based materials used in many research and therapy applications. Select from a range of cryogenic storage systems designed to preserve sample integrity and keep samples safe during every step of the cold chain. Long-term cryo storage requires accurate record-keeping and dependable temperature control, even during transport. Discover products that help you plan a scalable cryogenic infrastructure to maintain quality and documentation.

## Automated Cryogenic Storage Systems

Azenta's LN2-based product line offers an exceptional automated storage solution that excels in various applications. These systems seamlessly integrate reliable sample protection, thorough inventory management, and an unparalleled user experience. The user-friendly graphical interface ensures intuitive navigation, allowing users to effortlessly handle inventory, track order history, and document temperature records.



**Cryo Store Pico™ -190°C  
LN2-Based Automated  
Storage System**

**Sample Capacity:**

2 mL Vials | 8,800

50 mL Cassettes | Coming Soon

Outer Diameter: 32 inch (813 mm)

Installed Height: 95.5 inch (2426 mm)



**BioStore™ -190°C  
LN2-Based Automated  
Storage System**

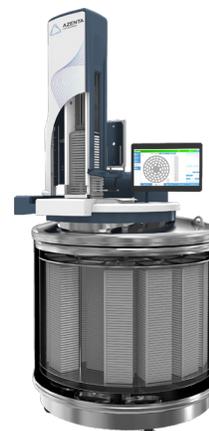
**Sample Capacity:**

2 mL Vials | 26,600

50 mL Cassettes | 760

Outer Diameter: 45 inch (1143 mm)

Installed Height: 108 inch (2743 mm)



**BioStore™ -190°C  
LN2-Based Automated Storage  
System for Cryo Cassettes**

**Sample Capacity:**

2 mL Vials | 63,000

50 mL Cassettes | 1,680

Outer Diameter: 60 inch (1524 mm)

Installed Height: 125.1 inch (3178 mm)



Visit [azenta.com](https://azenta.com) or scan the QR code to learn more.

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## High Efficiency Cryo Freezers

These simple and secure -190°C LN2 vapor storage freezers provide full sample visibility and a touchscreen with WIFI/LAN connection, text/email alerts, cloud backup, and redundant remote monitoring. The extended height versions expand capacity.



**Azenta A220 and  
Extended Height E264  
Cryo Freezers**

Sample Capacity:  
2mL Vials | 22,000-26,400  
250 mL Cassettes | 400-500  
Outer Diameter: 34.0 inch (864 mm)



**Azenta A440 and  
Extended Height E528  
Cryo Freezers**

Sample Capacity:  
2mL Vials | 44,000-52,800  
250 mL Cassettes | 848-1,060  
Outer Diameter: 45.0 inch (1143 mm)



**Azenta A700 and  
Extended Height E840  
Cryo Freezers**

Sample Capacity:  
2mL Vials | 70,000-84,000  
250 mL Cassettes | 1,376-1,720  
Outer Diameter: 55.0 inch (1397 mm)



**Azenta A1000 and  
Extended Height E1200  
Cryo Freezers**

Sample Capacity:  
2mL Vials | 106,000-127,200  
250 mL Cassettes | 2,032-2,540  
Outer Diameter: 65.0 inch (1651 mm)

## CryoPod Carrier and LN2 Filling Station



### CryoPod™ Carrier

The LN2 vapor-based CryoPod Carrier provides a safe, portable, and trackable solution for hand carrying temperature-sensitive biological materials.



### CryoPod™ LN2 Filling Station

The CryoPod Carrier Filling Station enables the fast and simple replenishing of the CryoPod's LN2 supply in a safe, precise, and hands-free manner.



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