

## Features and Benefits

**Sample integrity:** biosamples stored in vapor at -190° C, innocents protected during retrieval

**Assured:** samples held below T<sub>g</sub> for 20+ days with manual access if power/LN<sub>2</sub> disrupted

**Safe:** outstanding ergonomics, minimizes risk of user injury

**Flexible:** up to 252 cryoboxes holding most consumable types

**Affordable:** offers cost-effective automation

**Secure:** access and inventories restricted to preauthorized users

**Comprehensive:** inventory, audit trail, reports, and LIMS connectivity

**Proven:** Brooks automation plus Chart MVE LN<sub>2</sub> vacuum freezer

BioStore™ III Cryo is the affordable cryogenic (-190° C vapor phase) storage solution that provides sample automation, cold chain management, and improved security — without sacrificing the safety and accessibility of a manual LN<sub>2</sub> freezer. It processes most types of cryobox consumables quickly and easily, plus it monitors, tracks, and controls sample inventory.

## Automate your cryogenic sample storage and management

The BioStore III Cryo provides customers who need cryogenic biological storage with a solution that combines the highest sample protection, improved chain of custody management, and a superior user experience — all at an affordable price.

Now, lab managers can view their sample inventories, histories, and audit trails in real time and achieve a higher level of sample safety and integrity. Multiple levels of security, assigned by an administrator, assure sample access to only authorized personnel.

## Process most cryobox consumable types

The BioStore III Cryo system has a capacity of 252 cryoboxes and can retrieve a box of samples in less than 60 seconds. Highly flexible, it can process most types of cryobox consumables. An insulated sleeve with N<sub>2</sub> purge protects innocent samples by keeping their temperatures below the glass transition (T<sub>g</sub>) phase (-135° C) at all times. Samples are always manually accessible, and if the liquid nitrogen supply is disrupted, the system protects the samples by maintaining a temperature below T<sub>g</sub> for more than 20 days.

The BioStore III Cryo system incorporates integrated sample monitoring, tracking, inventory control, and LIMS connectivity. A highly ergonomic design provides designed-in user safety and easy sample access that minimizes the risk of stress or strain injuries. The system is compact and fits through a standard laboratory door.

## Proven, reliable technology

The automated cryogenic sample management solution incorporates proven Brooks automation plus Chart MVE LN<sub>2</sub> vacuum freezer technology. Local service and support are backed by Brooks' worldwide network.



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