

Features and Benefits

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

Assured: samples held below Tg for 20+ days with manual access if power/LN₂ 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 LN₂ 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 LN₂ 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 N₂ purge protects innocent samples by keeping their temperatures below the glass transition (Tg) 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 Tg 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 LN₂ vacuum freezer technology. Local service and support are backed by Brooks' worldwide network.



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