



BioStore III^{v°}

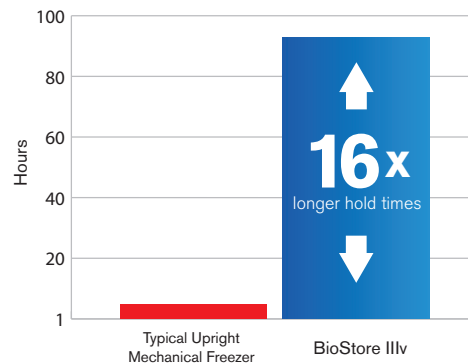
Automated LN2 vapor based freezer for viral vector and other collections requiring automated -80°C*

BioStore™III^{v°} was built by combining the advanced automation technologies and user interface from Brooks Life Sciences with the performance of the Chart Vario freezers. This space efficient automated freezer can be used for a wide range of applications and inventory types.

- ✔ BioStore III^{v°} 1800 can be set to a desired temperature between -20°C and -150°C*
- ✔ Insulating tower temperature protection for non-targeted boxes
- ✔ Extended hold time compared to mechanical freezers in emergency situations
- ✔ Ergonomically designed for simple user experience and minimized injury risk
- ✔ Superior user interface for easy operation and inventory documentation
- ✔ Simple, accurate and documented inventory management to the vial level
- ✔ Secure username and password access for full traceability
- ✔ Library management is an option, allowing the freezer to be partitioned into libraries with user defined access control
- ✔ LIMS integration and reporting options to enhance existing storage and tracking infrastructure



Hold Time to -60°C from -80°C



*temperature variation is +/- 6°C due to thermocouple variation and thermal loading

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Brooks Life Sciences Industry Leading Automation is the Smarter Solution

Brooks BioStore III freezers combine the best in sample security, data management and inventory control. Complete control of your LN2 freezer collections is now at your fingertips.

BioStore IIIv	
Capacity Storage Locations	630 - 2" cryoboxes or equivalent
1.0mL FluidX Cryotubes	123,480
2.0mL FluidX Cryotubes	63,000
Box Level Retrieval Speed	Approximately 60 Seconds
Labware Types	Cryoboxes, SBS racks, Cassettes*
Static Holding Time Vapor	4 days of hold time from -80°C to -60°C
Electrical	110v / 220v
Empty Freezer Weight	114 lbs/ft2
Full Freezer Weight	3,721 lbs / 1.691kg
Maximum Floor Load	114 lbs /ft2 (4.8kg/m2) based on full system weight
LN2 Connection Type	1/2" NPT Female Fitting to existing Vacuum Jacket line
LN2 Supply Pressure (open valve)	22-35 psig / 1.52-2.41 bar
LN2 Evaporation Rate/day (nominal)	12-14 L/day
Warranty	1-Year: includes onsite service, travel, and spare parts. (Preventative Maintenance and Wear Parts not included.)
Other	Installation & Operator Training Included

*Labware should be validated with Brooks

