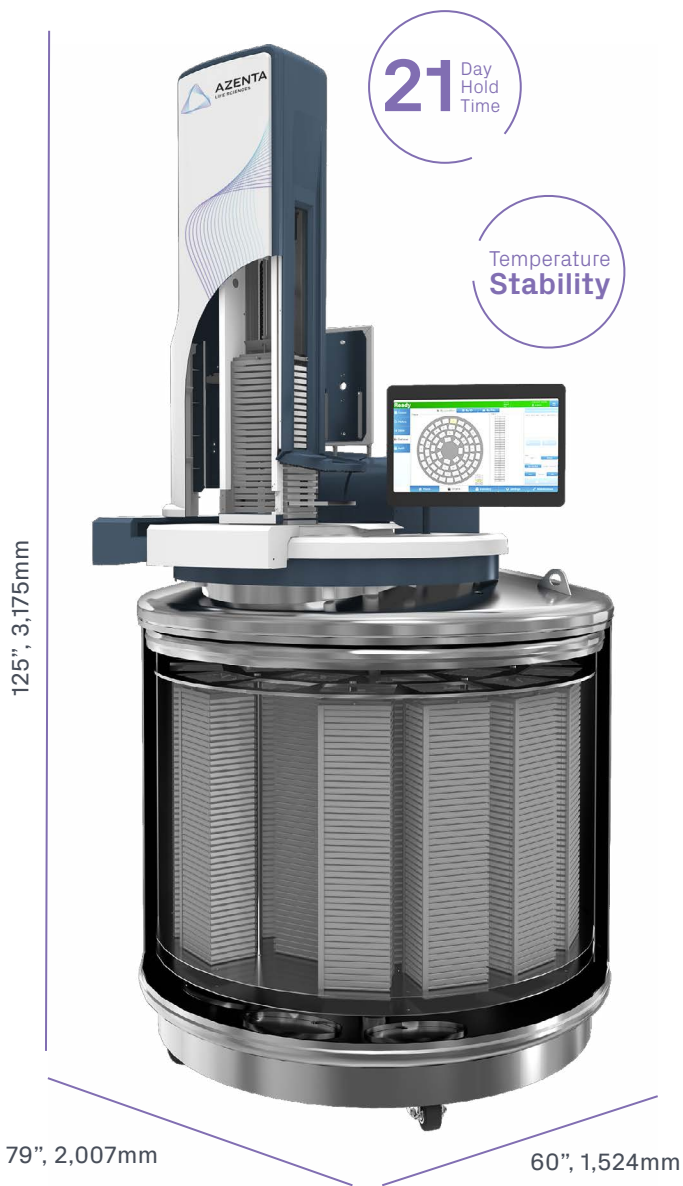


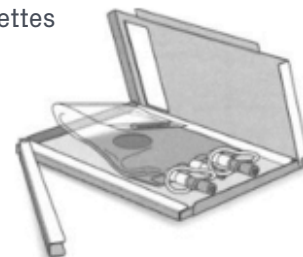
BioStore -190°C LN2-Based Automated Storage System for Cryo Cassettes



BioStore™ for Cassettes is the only fully automated liquid nitrogen based system, capable of handling a wide range of cryo cassettes including 250mL sizes.*

Welcome the new standard in secure, documented cryo cassette storage.

- Software enabled electronic quarantine
- Smooth, automated cassette handling
- Insulating tower for temperature stability
- Fully integrated inventory management
- Reports to support 21 CFR, Part 11 compliance
- Improved ergonomics over manual
- 17-21 days of emergency hold time
- Capacity of 990 cryo cassettes



*Cassette outer dimension must be equal to or smaller than 191.8mm x 152.4mm

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



	US / Imperial	Metric
SYSTEM DIMENSIONS		
Height	125.00"	3,175mm
Width	60.00"	1,524mm
Depth	79.00"	2,007mm
Storage Capacity	(990) 250ml Cryo Cassettes	
Weight (empty)	2,433 lbs	1,105 kg
Weight (full)	3,548 lbs	1,612 kg
Maximum Floor Load	108 lbs/ft2	528 kg/m2
Maximum Point Load (4-points)	887 lbs	403 kg
ELECTRICAL		
Voltage	110V, Single Phase	220V, Single Phase
Amps	2A	1A
Power Output (Idle)	100 Watts	
Power Output (MAX)	220 Watts	
Plug Type	NEMA 5-15	CEE 7/4
LN2	(IEC TYPE B)	(IEC TYPE F)
Connection Type / Size	1/2" NPT Female Fitting to existing Vacuum Jacket line	
Supply Pressure (open valve)	22-35 psig	1.52-2.41 bar
Capacity (vapor phase)	295 L	
Static Evaporation Rate (nominal)	13.6 L / day (11.0 kg / day)	
Static Holding Time Vapor	21 days	
OPERATING ENVIRONMENT		
Temperature	65°F - 80°F	18°C - 27°C
Software & firmware updates during preventive maintenance, as required	Max 50% rH (non-condensing)	
Operating Temperature	-310°F or lower	-190°C or lower
Warranty	1-Year; includes onsite service, travel, and spare parts. Preventative maintenance and wear parts not included.	
Other	Installation and operator training included	
Regulatory Compliance	China RoHS, Conflict Materials, EU REACH, EU RoHS, CE Mark Directives [Machinery Directive, EMC Directive, and RoHS Directive]	