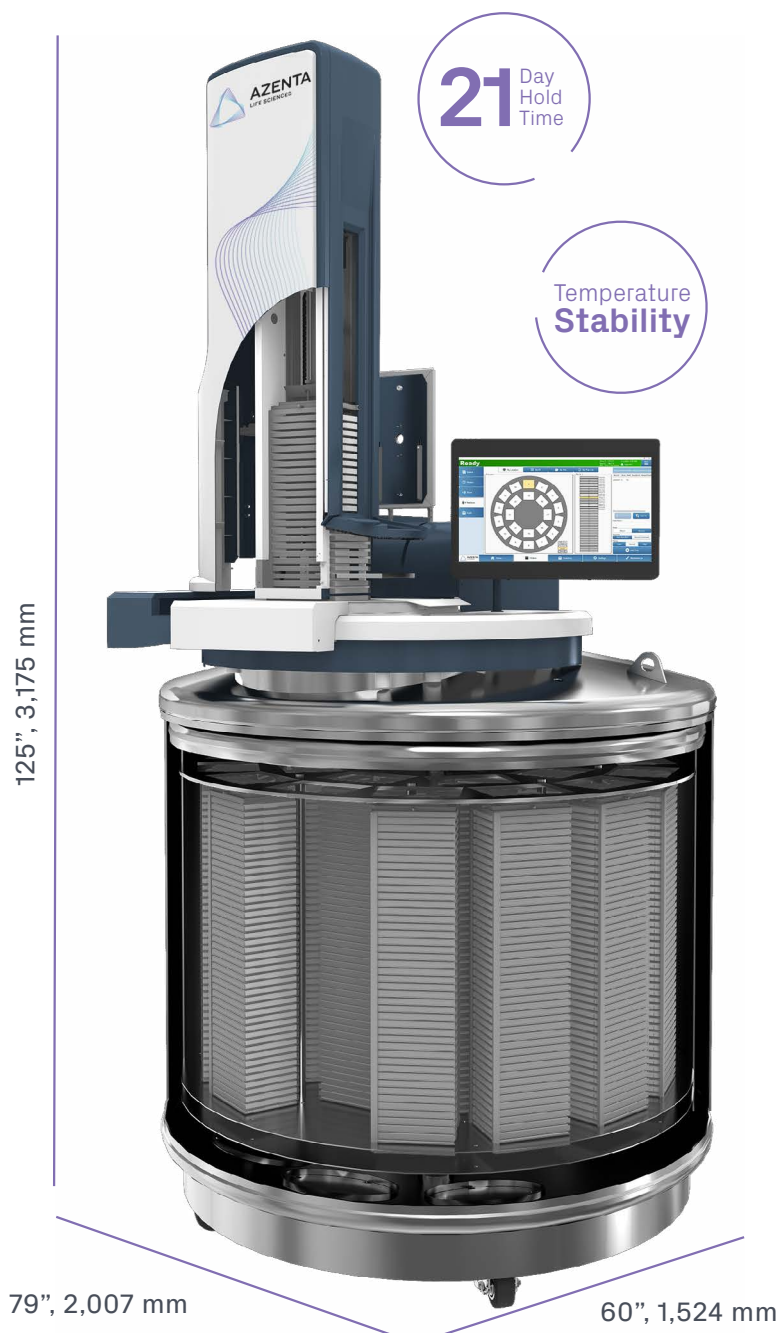
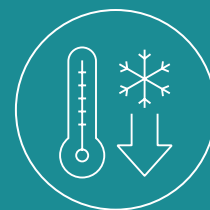


CryoArc Tera -190°C LN2-Based Automated Storage System



CryoArc™ Tera -190°C LN2-Based Automated Storage System is a fully automated liquid nitrogen based system capable of handling a wide range of cryo containers, including cryoboxes and cassettes.

- Software enabled electronic quarantine
- Single-cassette, automated storage and retrieval
- Insulating tower for temperature stability
- Fully integrated inventory management
- Reports to support 21 CFR, Part 11 compliance
- Eliminates heavy lifting and contact with storage environment
- 21 days of emergency hold time
- Capacity of 630 2-inch cryo boxes or equivalent



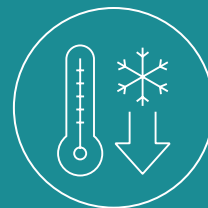
*Cassette outer dimension must be equal to or smaller than 191.8 mm x 152.4 mm



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CryoArc Tera -190°C LN2-Based Automated Storage System



	US / Imperial	Metric
SYSTEM DIMENSIONS		
Height	125.10"	3,179 mm
Width	60.00"	1,524 mm
Depth	79.00"	2,007 mm
Storage Capacity	630 x2" cryoboxes or equivalent	
Empty System Weight	2,237 lbs	1,016 kg
Full System Weight (Estimated)	3,582 lbs	1,627 kg
Maximum Floor Load (Estimated)	109 lbs/ft²	533 kg/m²
Maximum Point Load (4-points)	896 lbs	407 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 Male Fitting to existing LN2 Supply Line	
LN2 Supply Pressure (Open Valve)	22 - 35 psig	1.52 - 2.41 bar
Capacity (Vapor Phase)	295 L	
LN2 Evaporation Rate / day (Nominal)	13.6 L / day	11.0 kg / day
Static Holding Time Vapor	23 days to -135°C	
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.	
OTHER		
	Installation and operator training included	
REGULATORY COMPLIANCE		
	China RoHS, Conflict Materials, EU REACH, EU RoHS, CE Mark Directives	



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