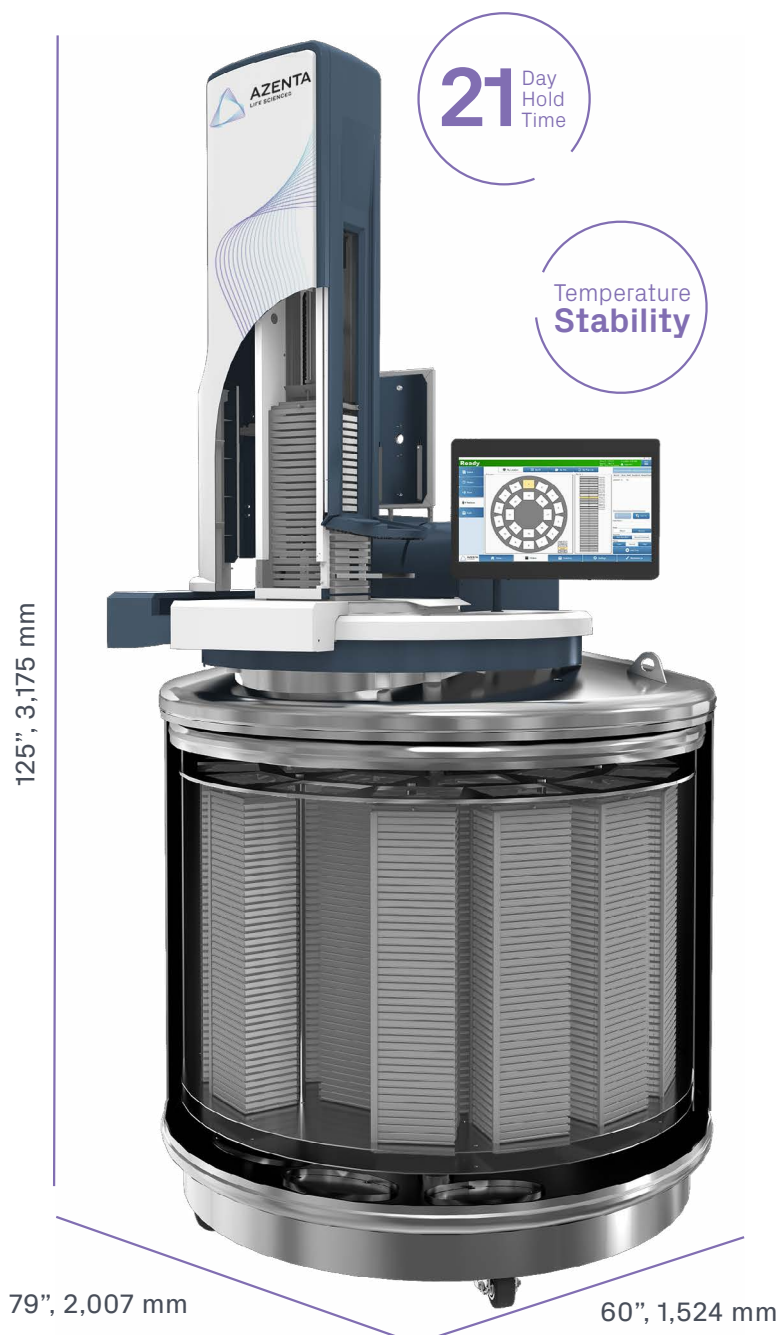
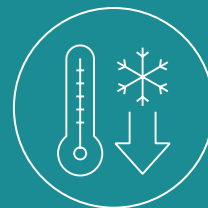


CryoArc Tera -190°C LN2-Based Automated Storage System for Cryo Cassettes



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

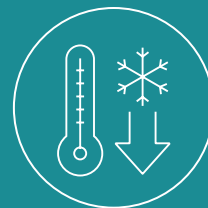
Welcome the new standard in secure, documented cryo cassette storage.

- 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 990 cryo cassettes



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

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



	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	(990) 250 mL Cryo Cassettes	
Empty System Weight	2,2,31 lbs	1,054 kg
Full System Weight (Estimated)	3,441 lbs	1,563 kg
Maximum Floor Load (Estimated)	105 lbs/ft²	512 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 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	21 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		

