



AN INTELLIGENT LN2 TANK

A liquid nitrogen storage system with 24/7 wireless monitoring



*Only available on Professional version

• Wireless:

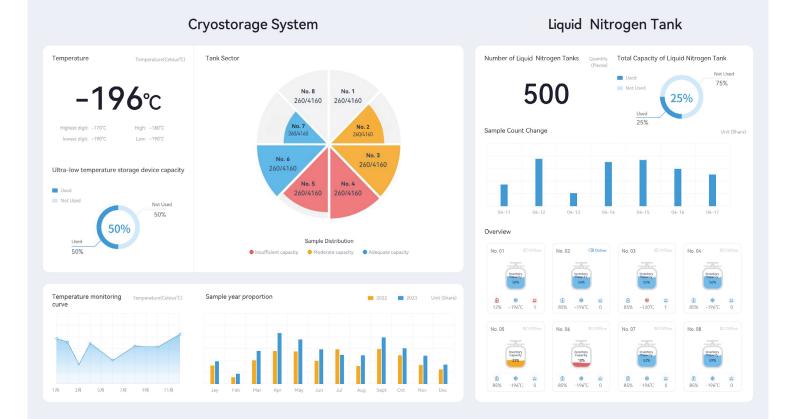
- · Real-time PDA tank monitoring and reporting.
- · Automatic BaseStation App alarm and warning notifications.
- · Tank, canister, cane/box, and sample locations displayed on PDA.
- · Zero external tank wiring.

• Security:

- Automatic logging of all alarms and warnings. Two internal tank LN2 sensors (high and low).
- · All lid openings/closings are logged.
- · Optional password requirement for lid openings

Convenience:

- · Remotely lock and unlock multiple tanks at once.
- · Quick récall of tank condition and status.
- · Real-time monitoring, alerts and warnings on devices.
- · Intelligent touchscreen design of tank lid with quick swap battery access.



GELIDA 47 CONFIGURATIONS

MODEL	GELIDA 47 (STRAWS)	GELIDA 47 (VIALS)				
Capacity	47 L					
Bare weight	44 lbs (~20 kg)					
Full weight	128 lbs (~58 kg)					
Neck diameter	5 inch	nes (127 mm)				
Outer diameter	19.68 inche	es (Approx 500 mm)				
Height	27.95 inche	es (Approx 710 mm)				
Storage container type For the straws, LxDiameter and vials DxWxH	Canister per tank 10.95 x 2.83 inches 278 x 72 mm	Racks per tank 3.07 x 3.07 x 2.32 inches Box Size 78 x 78 x 59 mm				
Amount	10 L	6 L				
Screen size	5-inches color 1280 x 720 capacitive multi touch					
Power supply	Battery: 5VDC Lithium Polymer Battery Charging Adapter: 100-240V~50/60Hz,0.5A					
Charging hub	Charging slots for up to 5 batteries					
Battery	1 spare battery Battery life up to 15 days					
Unlocking mode	Digital password protection (single/dual authentication) Emergency access key					
O peration log	Automatic recording					
Alarms	Out of range temperature Low battery/loss of electricity Excessive tank open time					
Mode of data transmission		802.11b/g/n ncryption algorithm				
Number of temperature sensors	2 sensors Upper position and lower position within tank dewar Storage temperature -196°C liquid phase LN2					

Specifications for USA market are subject to regulatory approval and final product release.

GELIDA 47 BASESTATION SOFTWARE

GELIDA BASESTATION SOFTWARE

All your cryotank information, in one place. Centralized management and monitoring enables a quick view of the temperatures, capacity, battery level, and alarms.

Tanks can be remotely controlled and located through the interface, offering features such as remote single/multi-tank unlocking and "find my tank."



BASESTATION App Remote monitoring and alerts.

The BaseStation App can be installed on Android mobile devices, enabling a faster response when abnormal conditions arise. Remotely view tank status, such as tank temperature, capacity, notification and alarm information.



GELIDA BASESTATION PDA BaseStation features in the palm of you hand.

The BaseStation PDA is a mobile workstation. Users can monitor tanks. Add, remove and locate samples from inventory, plus lock and unlock tanks from this hand-held device. Create sample deposit and withdraw samples, and identify sample location on the screen; the inbuilt precision saves time and supports error reduction efforts.



Please other the device	Number	Device name	Time	Upper probe temperature (1C)	Lower probe temperature (10)	Electricity level	Liquid level
	1.1	NEM	2024-09-14 14:51:25	-196-8°C	-196.8 °C	72%	High
wice Management	2	NEM	2024-09-14 14:46:19	-196-8°C	-196.8 °C	72%	HIP
• • •	0	10.234	2024-09-14 14:41:13	-196-8°C	-195.8 °C	72%	Hgt
Denter Marcharte Angel	4	NORM	2024-09-14 14 26:07	-196.8°C	-195.8 °C	72%	HIP
		1028	2024-09-14 14:31:01	-196.8°C	-195.8 %	725	High
B-	•	1028	2024-09-14 14 25:55	-136-8°C	-195.8 °C	72%	194
inter .	7	物证明	2024-09-14 14 20:49	-196.8°C	-195.8 %	72%	нø
		1028	2024-09-14 14:15:43	-195-8°C	-195.8 °C	72%	100
		物证明	2024-09-14 14:12:38	-196.8°C	-195.8 %	72%	на
E E	10	1028	2024-09-14 14:05:02	-195-3°C	-195.8 °C	725	192
	55	1028	2024-09-14 14:00:25	-195-8°C	-195.8 °C	725	HIP
Taining Videos	12	NO.2M	2024-09-14 13:55:20	-196.8°C	-195.8 °C	72%	High
	- 0	pacities.	5014.00.41.43.85.14	456.37*	101.1 %	714	and a second

Device Management: Add, remove or edit basic device information, view tank capacity, tank status information, alarms, and retrieve access/operation records.

Sarr		omepage > Sample									٢	ର ଜ	3
		To be shored tooling	To be stored	Referred									
	Berial number	Sample number	Name	Medical record number	Sample type	Prisen storage tube number	Pressing Gala	Frozen batches	Location	Storage time	Delivery time	Baba	
		0001265	Peter	0012030	Entryo	0128391022	2024-09-14	1726206258156	A5-Canister(1)-Cane(1)			Dating	
	2	0001234	Peter	0012030	Embryo	0128391021	2024-09-14	1726206540148	A4 Canister(1) Cane(1)			Dates	
	з	6000test1	6000test1	220178229	Entryo	99999	2024-08-28	1724834071132	99405000-Caniste(1)-L			Dates	
	4	2001	开放置者	200018	senen	7000001156	2024-08-28	1724807116964	#20est-Canstel(1)-La			Dates	
	5	2002	开放港者	200018	serien	1000001212	2024-08-28	1724807116587	#30est-Canole(1)-La			Entring	
	6	NE020	381455.21	9090901	Entryo	10101013	2024-05-14	1721296400749	Bld-Cariolo(1)-Care(Existing	
	7	NE002	\$\$1000.21	9090901	Embryo	1010102	2024-09-14	1721255500045	現近-Canoto(1)-Cane(Entering	
		12000105	eric	vr0010	C22	001112						Existing	
		002	100	123	Entro	000000025	2024-08-22	1724315544080	Rotest Conterts			Existing	

Single Sample Tracking: Sample information can be viewed and filtered, using name, freeze date and time, sample unique ID, with traceability down to location where a single sample is stored within a tank.

ound	and outbound	Homepage > Inbour	nd and outbound							٢	9	
м	Pending Proc	control Complet	Vad Fail									
Serial numb er	Application number	Device type	Sample count	511	Offline storage	Operator	Reviewer	Estimated time of completion	Start Sime	End time	Status	
1	BG/INILG4090066	Gelida Lite		111333	yes	24	24		2024-09-14 14:45:52	2024-09-14 14:46:55	Complete	6
2	BG/INIL/24090054	Gelida Lite		111333	yes	28	21		2024-09-14 14:20:20	2024-09-14 14:20:20	Complete	0
3	BG/INL01090062	Gelida Lite	3	111333	yes	24	29		2024-09-14 14:32:01	2024-09-14 14:32:03	Complete	0
4	EG/IN1_24090056	Gelida Lite			945	Phil	764		2024-09-14 00:00:00	2024-09-14 00:00:00	Compilete	6
5	BG/INL04090055	Gelida Lite	1		745	99.6	1914.		2024-09-14 10:00:00	2024-09-15-00:00:00	Complete	6
6	BG/INL01090054	Gelda Lite		111333	yes	24	29		2024-09-14 11:59:45	2024-09-14 11:59:47	Complete	ð
2	EG/INI_24090053	Gelida Lite		111333	745	24	24		2024-09-14 11:59:29	2024-09-14 11:59-31	Compilete	ē
8	BG/INL/24090052	Oelida Lite		111333	yes	24	29		2024-09-14 11:50:21	2024-05-14 11:50-23	Complete	0
	BG/NL04090049	Genda Life	2		yes	365	Lity.		2024-09-13 10:00:00	2024-09-14 00:00:00	Complete	6

Sample Status: Add and withdraw samples, select where to store a single sample, which samples to take out, and record all access statistics for trackability.

rice u	ISOF Homepage > Device user					* • *
lerial unber	User name	Login account	Device type	Creation time	Account synchronization time	Operation
1		015	Gelida Lite	2024-09-13 17:04	2024-09-13 17:04	Modily Update percented Datete
2		014	Gelida Lite	2024-09-13 17:04	2024-09-13 17:04	Modily Update paceward. Delete
3		013	Gelida Lite	2024-09-13 17:04	2024-09-13 17:04	Modily Update-possward Dalate
4		012	Gelda Lite	2024-09-13 17:04	2024-09-13 17:04	Modly Update-postword Delete
5		011	Gelda Lite	2024-09-13 17:03	2024-09-13 17:03	Modly Update poccound Datate
6		010	Gelida Lite	2024-09-13 17:03	2024-09-13 17:03	Modily Update percented Delete
7	685	005	Gelda Lite	2024-09-13 15:52	2024-09-13 95:52	Modly Update percent Dates
8	084	084	Gelda Lite	2024-09-13 15:52	2024-09-13 16:52	Modly Update-postword Dates
9	083	083	Gelda Lite	2024-09-33 16:51	2024-09-13 16:51	Modly Update-postward Dates
10	082	082	Gelida Lite	2024-09-13 15:51	2024-09-13 95:51	Modily Update percented Delete
15	001	001	Gelda Lite	2024-09-13 16:51	2024-09-13 16:51	Modily Update percented Delete
12	680	080	Gelida Lite	2024-09-13 19:51	2024-09-13 19:51	Modily Update-password Delete

User Management: Manage authorised users for all tanks in a central location. User names and passwords can be updated, deleted, and synced to all connected tanks.

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No.4 International Control	No.5 Sec.5 Sec.5	No. 6 See 3 See 30
Sec 7 Sec 8 Sec 9 Sec 9	See A	and a second
No. 10 Sec. 10		
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Coperty Montanta		
Capacity Honkering		

Simplified Visuals: Quickly view the temperatures, capacity, battery level and alarms. Devices can be remotely controlled and quickly located; features include remote single/batch unlocking, and "Find My Tank".

Alert Information: You can view the alarm status of all devices, including the device name, alert time, location, alert content, issued notifications, alarm history, and whether the alarm is resolved.

Final appearance of features are subject to change; may vary depending on specific customer implementations, version of software and lab integrations.

The **Gelida System** enables lab staff to manage patient's samples all within the palm of their hand.





PRODUCT NAME	ТҮРЕ	CONFIGURATION
Gelida 47 BaseStation System	Package	Gelida BaseStation Software, Gelida BaseStation PDA; App
Gelida 47 BaseStation Software Basic	Software	Software (Centralised management of devices)
Gelida 47 BaseStation Software Professional	Software	Software (Centralised management of devices and samples)
BaseStation PDA	Accessory	-
Арр	Accessory	Only available on Android