

Infitek

LIQUID NITROGEN TANK



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Infitek Co., Ltd.

TEL: +86-531-88982330

FAX: +86-531-88983691

Website: infitek.com

Email: info@infitek.com

Service: support@infitek.com

Address: Room 201, Building A, No.1 Qianwan 1st Road, Qianhai
Shenzhen-Hong Kong Cooperation Zone, Shenzhen (Settled in
Shenzhen Qianhai Business Secretary Co., Ltd.)

US Office

INFITEK INC.

522W RIVERSIDE AVE STE N,SPOKANE,WA 99201

EMAIL: INFO@INFITEK.COM



Laboratory Liquid Nitrogen Tank

LNC-L30-125 LNC-L35-125
LNC-L47-127 LNC-L50-125



Reliability



Lockable lid is optional to prevent unauthorized open.
Five years vacuum warranty.

Safety



It can be equipped with liquid level monitor to monitor the liquid level height in real time and send out low level sound and light alarm.

Key Features

Durable aluminum structure.
Large capacity and low liquid nitrogen consumption.



Designed for long-term storage, it is easy to take and place samples.



Matching freezing shelves and freezing boxes, quickly and effectively finding the required samples.



Optional transport vehicle.

Application

It is used in hospitals, cell laboratories, stem cell banks, etc. that require long-term storage of biological samples and frequent sample extraction.





Specifications

Model	LNC-L30-125	LNC-L35-125	LNC-L47-127	LNC-L50-125
Performance				
LN ₂ Capacity (L)	30	35	47	50
Weight Empty (kg)	13	14.5	18.2	17.3
Weight Full (kg)	38.9	43.2	60.9	62.4
Neck Opening (mm)	125	125	127	125
Outer Diameter (mm)	462	462	508	462
Overall Height (mm)	725	765	740	830
Static Evaporation Rate (L/day)	0.35	0.36	0.36	0.45
Static Holding Time (day)	90	97	130	110
Maximum Storage Capacity				
Racks 2mL Freezing Tube	Number of racks (ea)	6	6	6 (round)
	Rack dimension (mm)	82*84	82*84	105*100
	Vial boxes dimension (mm)	76*76	76*76	98
	Boxes per rack (ea)	4	5	5
	1.2; 1.8&2ml Vials (Internally threaded)	600	750	1100
Racks 5mL Freezing Tube	Number of racks (ea)	/	/	/
	Rack dimension (mm)	/	/	/
	Vial boxes dimension (mm)	/	/	/
	Boxes per rack (ea)	/	/	/
	1.2; 1.8&2ml Vials (Internally threaded)	/	/	/
G.W.(kg)	24.4	26	28.7	27
Package Dimension(W*D*H)(mm)	490*490*910	490*490*920	550*550*890	490*490*990
Optional Accessories				
Lockable Lid	Optional	Optional	Optional	Optional
PU Bag(Protective jacket)	Optional	Optional	Optional	Optional
SmartCap	Optional	Optional	Optional	Optional
Roller Base	Optional	Optional	Optional	Optional

Static evaporation rate and static holding time is the theoretical. Actual evaporation rate and holding time will be affected by container usage, atmospheric conditions and manufacturing tolerances.

Portable Storage Liquid Nitrogen Tank

LNC-P2-30 LNC-P3-50



Application

Portable storage series is an economical and practical small liquid nitrogen tank specially designed for biological samples that need to be stored regularly.



Reliability

Lockable lid is optional to prevent unauthorized open.

Five years vacuum warranty.

Key Features

High strength, light weight and small size aluminum structure.

Equipped with belt.

Ultra low evaporation loss.

Number coding for canister place.



It is made of high strength light aluminum alloy and contains multi-layer super-strong heat insulation layer. It realizes the safety, lightness and efficiency of the product.



Specifications

Model	LNC-P2-30	LNC-P3-50
Performance		
LN ₂ Capacity (L)	2	3
Weight Empty (kg)	2.8	3.1
Weight Full(kg)	4.5	6
Neck Opening (mm)	30	50
Outer Diameter (mm)	223	223
Overall Height (mm)	415	445
Static Evaporation Rate (L/day)	0.07	0.12
Static Holding Time (day)	28	26
Maximum Storage Capacity		
Canister Diameter (mm)	19	38
Canister Height (mm)	120	120
Number Of Canisters (ea)	3	6
Straws Capacity	0.5ml (ea)	90
(120 mm canister)	0.25ml (ea)	204
Straws Capacity	0.5ml (ea)	/
(276 mm canister)	0.25ml (ea)	/
G.W.(kg)	4.1	5
Package Dimension(W*D*H)(mm)	260*260*465	280*280*530
Optional Accessories		
Lockable Lid	Optional	Optional
PU Bag(Protective jacket)	Optional	Optional
SmartCap	/	/

Static evaporation rate and static holding time is the theoretical. Actual evaporation rate and holding time will be affected by container usage, atmospheric conditions and manufacturing tolerances.

Static Storage Liquid Nitrogen Tank

LNC-S20-50 LNC-S25-50 LNC-S30-50
 LNC-S35-50 LNC-S35-80



This series is made of high strength and light weight aluminium alloy with multi-layer and super-strong insulation layer. It realizes the safety, lightness and efficiency of the product

Reliability

Five years vacuum warranty.



Lockable lid is optional to prevent unauthorized open.



Liquid nitrogen pump is optional.
 (Only applicable to 20L and above, 50mm diameter series products.)



Level monitoring system is optional.

Application

It is specially designed for biological samples that need long-term static storage.

Key Features

High strength, light weight and small size aluminum structure.

Ultra low evaporation loss.

Roller base is optional.



Specifications

Model	LNC-S20-50	LNC-S25-50	LNC-S30-50	LNC-S35-50	LNC-S35-80
Performance					
LN ₂ Capacity (L)	20	25	30	35	35
Weight Empty (kg)	9.5	10.7	12.9	14.2	14.5
Weight Full (kg)	28.1	30.9	36.6	42.7	43
Neck Opening (mm)	50	50	50	50	80
Outer Diameter (mm)	394	394	462	462	462
Overall Height (mm)	700	715	725	765	753
Static Evaporation Rate (L/day)	0.12	0.14	0.12	0.12	0.22
Static Holding Time (day)	168	180	254	286	159
Maximum Storage Capacity					
Canister Diameter (mm)	38	38	38	38	63
Canister Height (mm)	120/276	120/276	120/276	120/276	120/276
Number Of Canisters (sa)	6	6	6	6	6
Straws Capacity (120 mm canister)	0.5 mL (ea)	792	792	792	2244
	0.25 mL (ea)	1788	1788	1788	5022
Straws Capacity (276 mm canister)	0.5 mL (ea)	1284	1284	1284	3624
	0.25 mL (ea)	2832	2832	2832	8460
G.W.(kg)	12.7	15	19	18.1	21.8
Package Dimension (W*D*H)(mm)	425*425*735	440*440*780	490*490*900	480*480*915	490*490*920
Optional Accessories					
Lockable Lid	Optional	Optional	Optional	Optional	Optional
PU Bag(Protective jacket)	Optional	Optional	Optional	Optional	Optional
Smart Cap	Optional	Optional	Optional	Optional	Optional
Roller Base	/	/	Optional	Optional	Optional

Static evaporation rate and static holding time is the theoretical. Actual evaporation rate and holding time will be affected by container usage, atmospheric conditions and manufacturing tolerances.

Portable Storage Liquid Nitrogen Tank

LNC-P2-30 LNC-P2-35 LNC-P3-50 LNC-P6-50 LNC-P10-50



Application

Portable storage series is an economical and practical small liquid nitrogen tank specially designed for biological samples that need to be stored regularly.



Reliability

Lockable lid is optional to prevent unauthorized open.
Five years vacuum warranty.

Key Features

High strength, light weight and small size aluminum structure.
Equipped with belt.
Ultra low evaporation loss.
Number coding for canister place.



It is made of high strength light aluminum alloy and contains multi-layer super-strong heat insulation layer. It realizes the safety, lightness and efficiency of the product.



Specifications

Model	LNC-P2-30	LNC-P2-35	LNC-P3-50	LNC-P6-50	LNC-P10-50
Performance					
LN ₂ Capacity (L)	2	2	3	6	10
Weight Empty (kg)	2.8	2.6	3.1	4.8	6.1
Weight Full(kg)	4.5	4.4	6	9.9	14.5
Neck Opening (mm)	30	35	50	50	50
Outer Diameter (mm)	223	204	223	300	300
Overall Height (mm)	415	435	445	495	565
Static Evaporation Rate (L/day)	0.07	0.08	0.12	0.12	0.12
Static Holding Time (day)	28	24	26	52	86
Maximum Storage Capacity					
Canister Diameter (mm)	19	25	38	38	38
Canister Height (mm)	120	120	120	120	120
Number Of Canisters (ea)	3	3	6	6	6
Straws Capacity (120 mm canister)	0.5ml (ea)	90	165	792	792
	0.25ml (ea)	204	330	1788	1788
Straws Capacity (276 mm canister)	0.5ml (ea)	/	/	/	/
	0.25ml (ea)	/	/	/	/
G.W.(kg)	4.1	3.9	5	7.5	8.5
Package Dimension(W*D*H)(mm)	260*260*465	220*220*495	280*280*530	350*350*560	350*340*620
Optional Accessories					
Lockable Lid	Optional	Optional	Optional	Optional	Optional
PU Bag(Protective jacket)	Optional	/	Optional	Optional	Optional
SmartCap	/	/	/	/	Optional

Static evaporation rate and static holding time is the theoretical. Actual evaporation rate and holding time will be affected by container usage, atmospheric conditions and manufacturing tolerances.

Laboratory Liquid Nitrogen Tank

LNC-L10-125 LNC-L30-125 LNC-L35-125 LNC-L47-127
 LNC-L50-125 LNC-L65-216 LNC-L95-216 LNC-L115-216
 LNC-L145-216 LNC-L175-216



Reliability



Lockable lid is optional to prevent unauthorized open.
 Five years vacuum warranty.

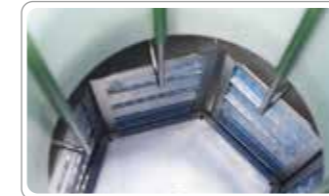
Safety



It can be equipped with liquid level monitor to monitor the liquid level height in real time and send out low level sound and light alarm.

Key Features

Durable aluminum structure.
 Large capacity and low liquid nitrogen consumption.



Designed for long-term storage, it is easy to take and place samples.



Matching freezing shelves and freezing boxes, quickly and effectively finding the required samples.



Optional transport vehicle.

Application

It is used in hospitals, cell laboratories, stem cell banks, etc. that require long-term storage of biological samples and frequent sample extraction.





Specifications

Model	LNC-L10-125	LNC-L30-125	LNC-L35-125	LNC-L47-127	LNC-L50-125	LNC-L65-216	LNC-L95-216	LNC-L115-216	LNC-L145-216	LNC-L175-216
Performance										
LN ₂ Capacity (L)	10	30	35	47	50	65	95	115	145	175
Weight Empty (kg)	6.3	13	14.5	18.2	17.3	40	43	47	52	57
Weight Full (kg)	15.1	38.9	43.2	60.9	62.4	107	120	140	170	198.5
Neck Opening (mm)	125	125	125	127	125	216	216	216	216	216
Outer Diameter (mm)	300	462	462	508	462	681	681	681	681	681
Overall Height (mm)	625	725	765	740	830	735	800	870	970	1085
Static Evaporation Rate (L/day)	0.42	0.35	0.36	0.36	0.45	0.78	0.94	0.94	0.94	0.95
Static Holding Time (day)	24	90	97	130	110	83	101	122	154	184
Maximum Storage Capacity										
Racks 2mL Freezing Tube	Number of racks (ea)	1	6	6	6 (round)	6	6	6	6	6
	Rack dimension (mm)	82*84	82*84	82*84	105*100	82*84	142*144	142*144	142*144	142*144
	Vial boxes dimension (mm)	76*76	76*76	76*76	98	76*76	134*134	134*134	134*134	134*134
	Boxes per rack (ea)	4	4	5	5	6	4	5	6	8
	1.2; 1.8&2ml Vials (Internally threaded)	100	600	750	1100	900	2400	3000	3600	4800
Racks 5mL Freezing Tube	Number of racks (ea)	/	/	/	/	/	6	6	6	6
	Rack dimension (mm)	/	/	/	/	/	142*144	142*144	142*144	142*144
	Vial boxes dimension (mm)	/	/	/	/	/	134*134	134*134	134*134	134*134
	Boxes per rack (ea)	/	/	/	/	/	2	2	3	4
	1.2; 1.8&2ml Vials (Internally threaded)	/	/	/	/	/	972	972	1458	1944
G.W.(kg)	8.3	24.4	26	28.7	27	60.8	65.9	69.2	80.1	89.3
Package Dimension(W*D*H)(mm)	350*350*710	490*490*910	490*490*920	550*550*890	490*490*990	810*810*945	810*810*1005	810*810*1065	810*810*1185	810*810*1315
Optional Accessories										
Lockable Lid	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
PU Bag(Protective jacket)	Optional	Optional	Optional	Optional	Optional	/	/	/	/	/
SmartCap	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Roller Base	/	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional	Optional

Static evaporation rate and static holding time is the theoretical. Actual evaporation rate and holding time will be affected by container usage, atmospheric conditions and manufacturing tolerances.

Special Transport Liquid Nitrogen Tank

LNC-T20-50 LNC-T30-50 LNC-T35-50 LNC-T35-80
 LNC-T35-125 LNC-T50-50 LNC-T50-125



Key Features



Optional level monitoring system.



Optional liquid nitrogen pump.



Optional roller base.

High strength, light weight and small size aluminum structure;

Ultra low evaporation loss;

Lockable lid is optional to prevent unauthorized open;

CE certification;

Vacuum 5 years warranty;

SAFETY

The series is made of high strength and lightweight aluminum alloy, containing multi-layer insulation to make the product safe, lightweight.

Application

The transport storage series are economical small liquid nitrogen tanks designed specifically for biological samples static storage and for transporting biological samples.

Static evaporation rate and static holding time is the theoretical. Actual evaporation rate and holding time will be affected by container usage, atmospheric conditions and manufacturing tolerances.



Specifications

Model	LNC-T20-50	LNC-T30-50	LNC-T35-50	LNC-T35-80	LNC-T35-125	LNC-T50-50	LNC-T50-125	
Performance								
LN ₂ Capacity (L)	20	30	35	35	35	50	50	
Weight Empty (kg)	9.5	12.9	14.2	14.5	14.6	17.2	17.3	
Weight Full (kg)	27.9	37.1	42.8	43	43.5	60.3	62	
Neck Opening (mm)	50	50	50	80	125	50	125	
Outer Diameter (mm)	394	462	462	462	462	462	462	
Overall Height (mm)	700	725	765	768	765	825	830	
Static Evaporation Rate (L/day)	0.20	0.20	0.20	0.30	0.41	0.24	0.45	
Static Holding Time (day)	101	159	179	119	86	213	110	
Maximum Storage Capacity								
Canister Diameter (mm)	38	38	38	63	97	38	97	
Canister Height (mm)	120/276	120/276	120/276	120/276	120/276	120/276	120/276	
Number Of Canisters (ea)	6	6	6	6	6	6	6	
Straws Capacity	0.5ml (ea)	792	792	792	2244	5124	792	5124
	(120 mm canister) 0.25ml (ea)	1788	1788	1788	5022	11640	1788	11640
Straws Capacity	0.5ml (ea)	1284	1284	1284	3624	9048	1284	9048
	(276 mm canister) 0.25ml (ea)	2832	2832	2832	8460	20760	2832	20760
Gross Weight (kg)	12.7	15.8	18.1	18.7	23.2	21.88	23.42	
Package Dimension(W*D*H)(mm)	425*425*735	480*480*900	480*480*915	480*480*915	490*490*930	480*480*985	480*480*985	
Optional Accessories								
Lockable Lid	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
PU Bag(Protective jacket)	Optional	Optional	Optional	Optional	Optional	Optional	Optional	
SmartCap	--	--	--	--	--	Optional	Optional	
Roller Base	--	Optional	Optional	Optional	Optional	Optional	Optional	

Dry Shipper Liquid Nitrogen Tank

LCN-D1-50 LCN-D3-80 LCN-D4-125 LCN-D9-216



Application

Dry shipper series is suitable for cryogenic environment (vapor storage at temperatures below -190°C) transportation for samples. It could avoid the risk of the liquid nitrogen releasing during transportation, especially designed for short-term air transport. Mainly used for laboratory users and short-term delivery of small number samples.

Key Features

- Vapor cryogenic storage.
- Fast liquid nitrogen filling.
- High strength aluminum construction.
- Lockable lid.
- No liquid nitrogen overflow.
- Straws or vials storage is optional.

Reliability

- Three years vacuum warranty.
- Lockable lid.
- No liquid nitrogen overflow.



The internal liquid nitrogen adsorbent, can absorb and save liquid nitrogen, even if the container falls down, liquid nitrogen would not pour out.

It uses special stainless steel mesh to separate storage space and absorption material, to avoid liquid nitrogen absorption material mixed into the sample.

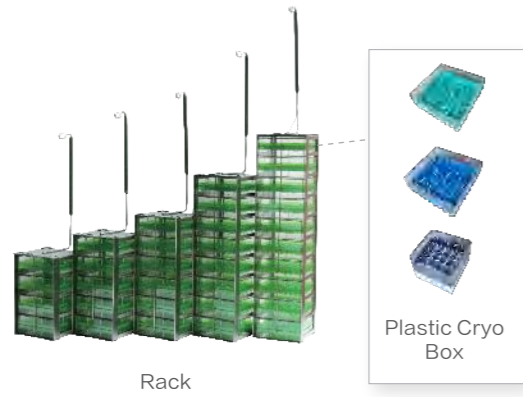
Specifications

Model	LCN-D1-50	LCN-D3-80	LCN-D4-125	LCN-D9-216	
Performance					
LN ₂ Capacity (L)	3	6	10	25	
Effective Capacity (L)	1.3	2.9	3.4	9	
Weight Empty (kg)	3.2	6.5	8.9	15	
Weight Full (kg)	4.7	8.9	12.5	23	
Neck Opening (mm)	50	80	125	216	
Outer Diameter (mm)	223	300	300	394	
Overall Height (mm)	445	500	625	730	
Static Evaporation Rate (L/day)	0.16	0.20	0.43	0.89	
Effective Shelf Life	8	14	8	10	
Maximum Storage Capacity					
Canister	Canister diameter (mm)	38	63	97	/
	Canister height (mm)	120	120	120	/
	Number of canisters (ea)	1	1	1	/
	Straws capacity (120 mm canister)	0.5 mL (ea) 132 0.25 mL (ea) 298	374 837	854 1940	/
Racks And Vials Boxes	Number of racks (ea)	/	/	1	1
	Vial boxes dimension (mm)	/	/	76*76	134*134
	Boxes per rack (ea)	/	/	4	5
	1.2;1.8&2 mL Vials (Internally threaded)	/	/	100	500
Gross Weight (kg)	4.48	6.74	12	21.3	
Package Dimension(W*D*H)(mm)	270*270*510	340*340*555	370*370*720	440*440*800	
Optional Accessories					
Lockable Lid	Optional	Optional	Optional	Optional	
PU Bag(Protective jacket)	Optional	Optional	Optional	Optional	
SmartCap	/	/	/	/	

Static evaporation rate and static holding time is the theoretical. Actual evaporation rate and holding time will be affected by container usage, atmospheric conditions and manufacturing tolerances.

Accessory

Rack



Rack

Plastic Cryo Box



Rack

Plastic Cryo Box

Canister



Canister

Vial Cane

Blood Bag Rack



Blood Bag Cassette

Blood Bag Rack

Instrument



Liquid Nitrogen Temperature Detector



Cryosmart Level Monitoring System



Digital Display Level Gauge



Float-type Liquidometer

Another Accessory



Roller Base



Roller Base



Level Measuring Scale



Cryogenic Gloves



Lockable Cap



Cork



Protective Case X



LN Pump -Hand Held Type



LN Pump -Foot Step Type



Vacuum Isolated Hose



Single-layer Transfusion Hose