

Infitek

LIQUID NITROGEN TANK



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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.