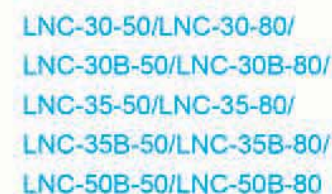


## Liquid Nitrogen Container for Storage and Transportation



Mainly used for artificial insemination and biological samples storage and transportation.

- \* More than five years life.
- \* Made of high-strength aluminium alloy.
- \* Adopting advanced powder coating technique.
- \* A leather bag is available for models of the capacity less than 50L.

Level & Temperature monitor

Model	Unit	LNC-2 -30	LNC-2 -50	LNC-3 -50	LNC-6 -50	LNC-10 -50	LNC-10 -80	LNC-10 -50	LNC-15 -50	LNC-20 -50	LNC- 20B-50	LNC-25 -50	LNC-30 -50	LNC-30 -80	LNC-30	LNC- 30B-50	LNC- 30B-80	LNC-35 -50	LNC-35 -80	LNC-35	LNC- 35B-50	LNC- 35B-80	LNC- 50B-50	LNC- 50B-80
Capacity	L	2	2	3	6	10	10	15	20	20	20	25	30	30	30	30	30	35	35	35	35	50	50	
Weight Empty	kg	3	3	3.5	5	6.3	6.5	8.2	12	12	12	12.8	13	13.5	13.5	13.1	13.6	14	14.2	14.1	14.3	22	22.1	
Caliber	mm	30	50	50	50	50	80	50	50	50	50	50	50	80	50	50	80	50	80	50	80	50	80	
Outer Diameter	mm	230	230	230	300	300	300	409	409	409	409	409	461	461	461	461	461	461	461	461	461	461	461	
Height	mm	375	375	425	465	535	540	600	640	640	640	670	655	652	655	655	652	695	692	695	692	790	788	
Static Evaporation Loss	L/d	0.07	0.10	0.10	0.11	0.10	0.21	0.11	0.12	0.19	0.19	0.13	0.11	0.20	0.19	0.28	0.12	0.22	0.20	0.29	0.23	0.33	0.33	
Static Holding Time	d	29	20	30	54	95	48d	135	172	106	106	186	282	150	161	108	302	162	179	121	213	150	150	
Canister Outer Diameter	mm	19	—	38	38	38	63	38	38	38	38	38	38	63	38	63	38	63	38	63	38	63	63	
Canister Height	mm	120	—	120	120	120	120	120	120/276	120	120/276	120/276	120/276	120/276	120/276	120/276	120/276	120/276	120/276	120/276	120/276	120/276	120/276	
Canisters No. (max)	pc	3	—	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	3-6	
Canisters No. (standard)	pc	3	—	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
Straw holding capacity (single)	pc	90	—	792	792	792	2244	792	792	792	792	792	792	2244	792	2244	792	2244	792	2244	792	2244	2244	
Straw holding capacity (double)	pc	204	—	1788	1788	1788	5022	1788	1788	1788	1788	1788	1788	5022	1788	5022	1788	5022	1788	5022	1788	5022	5022	
Straw holding capacity (triple)	pc	—	—	—	—	—	—	—	1284	1284	1284	1284	1284	3624	1284	3624	1284	3624	1284	3624	1284	3624	3624	
Packing Size (W*D*H)	mm	254*254*420	254*254*420	254*254*480	340*340*500	335*335*585	335*335*585	405*405*615	446*446*696	446*446*696	446*446*696	436*436*756	480*480*840	480*480*840	480*480*840	480*480*840	480*480*840	480*480*840	480*480*840	480*480*840	480*480*840	480*480*840	480*480*840	
Gross Weight	kg	4	4	5	7	8	8	12	14	14	14	16	18.5	18.5	18.5	18.5	19	19	19	19	22	22	22	

NOTES: 1. Containers model with letter "B" is the transportation type and the rest are storage type.

2. 120mm-high and 276mm-high canisters are applicable to models from LNC-20-50 to LNC-50B-80.

Größe	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Größe	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

NOTES: 1. Containers model with letter 'B' is the transportation type and the rest are storage type.

2. 120mm-high and 276mm-high canisters are applicable to

Large Caliber Liquid Nitrogen Container



Application:

Mainly used for artificial insemination and biological samples storage and transportation.

Features:

- \* More than five years life.
- \* Made of high-strength aluminium alloy.
- \* Adopting advanced powder coating technique.
- \* A leather bag is available for models of the capacity less than 50L.

Optional: Lid with lock  
 Level & Temperature monitor

Technical Parameters:

Model			Unit	LNC-10-125	LNC-30-125	LNC-35-125	LNC-47-127	LNC-50B-125
Capacity			L	10	30	35	47	50
Weight Empty			kg	7.2	14.2	15.2	19	21
Caliber			mm	125	125	125	127	125
Outer Diameter			mm	300	461	461	461	461
Height			mm	535	655	700	780	790
Static Evaporation Loss			L/d	0.43	0.33	0.36	0.45	0.45
Static Holding Time			d	24	92	98	107	110
Rack with Vial Boxes	Rack		pc	1	7	7	7	7
	Rack Size		mm	82*84	82*84	82*84	82*84	82*84
	Box Size		mm	76*76	76*76	76*76	76*76	76*76
	Layers Per Rack		pc	3	3	4	6	6
	Vial		pc	75	525	700	1050	1050
25ml (single)	Rack		pc	——	18	18	18	18
	Layers Per Rack		pc	——	2	2	3	3
	Blood Bag		pc	——	36	36	54	54
25ml (multi)	Rack		pc	——	7	7	7	7
	Layers Per Rack		pc	——	2	2	3	3
	Boxes Per Layer		pc	——	4	4	4	4
	Blood Bag		pc	——	56	56	84	84
Canister	Canister Outer Diameter		pc	38	97	97	97	97
	Canister Height		pc	120	120/276	120/276	120/276	120/276
	Canisters No.(max)		pc	1	3~6	3~6	3~6	3~6
	Canisters No.(standard)		pc	——	3	3	3	3
	Straw Holding	0.5ml	pc	792	5124	5124	5124	5124
	Capacity(single)	0.25ml	pc	1788	11952	11952	11952	11952
	Straw Holding	0.5ml	pc	——	9048	9048	9048	9048
	Capacity(double)	0.25ml	pc	——	19944	19944	19944	19944
Packing Size(W*D*H)			mm	335*335*585	480*480*840	480*480*880	480*480*960	480*480*960
Gross Weight			kg	8	18.5	19	22	22
Notes: Containers model with letter "B" is the transportation type and the rest are storage type. 120mm-high and 276mm-high canisters are applicable to models from LNC-10-125 to LNC-50B-125.								



**Technical Parameters:**

Model	Unit	LNC-65-216	LNC-95-216	LNC-115-216	LNC-140-216	LNC-175-216
Capacity	L	65	80	115	140	175
Weight Empty	kg	28	35	40	45	55
Caliber	mm	216	216	216	216	216
Outer Diameter	mm	570	681	681	681	681
Height	mm	765	726	796	910	1026
Static Evaporation Loss	L/d	0.89	0.97	0.94	0.96	0.94
Static Holding Time	d	73	98	122	146	186
Rack with Vial Boxes	Rack	pc	5	7	7	7
	Rack size	mm	142*144	142*144	142*144	142*144
	Box size	mm	134*134	134*134	134*134	134*134
	Layers per rack	pc	5	5	6	8
	Vial	pc	2500	3500	4200	5600
25ml (single)	Rack	pc	30	30	30	30
	Layers per rack	pc	3	2	3	4
	Blood Bag	pc	90	60	90	120
25ml (multi)	Rack	pc	7	7	7	7
	Layers per rack	pc	3	2	3	4
	Boxes per layer	pc	8	10	10	10
	Blood bag	pc	168	140	210	280
50ml (single)	Rack	pc	18	30	30	30
	Layers per rack	pc	3	3	4	5
	Blood bag	pc	54	90	120	150
50ml (multi)	Rack	pc	4	7	7	7
	Layers per rack	pc	3	2	3	4
	Boxes per layer	pc	8	8	8	8
	Blood bag	pc	96	112	168	224
Packing Size(W*D*H)	mm	710*710*740	870*870*940	870*870*1010	870*870*1110	870*870*1220
Gross Weight	kg	49	70	77	84	100

## Liquid Nitrogen Dry Shipper

**Application:**

Designed for air shipping of the biological samples

**Features:**

- \* More than five years life
- \* Made of high-strength aluminium alloy.
- \* Adopting advanced powder coating technique
- \* A leather bag is available for models of the capacity less than 50L.

**Optional:** Lid with lock

Level & Temperature monitor



LNC-3-50DS

**Technical Parameters:**

Model	Unit	LNC-3-50DS	LNC-6-80DS	LNC-10-125DS
Capacity	L	3	6	10
Weight Empty	Kg	5.5	7.6	9.8
Caliber	mm	50	80	125
Outer Diameter	mm	230	300	300
Height	mm	425	465	535
Static Holding Time	d	6	11	18
Canister	Canister outer diameter	mm	38	70
	Canisters No.	mm	120	276
	Number of canisters	pc	1	1
	Straw holding capacity	0.5 ml	132	430
		0.25 ml	298	1032
Rack with Vial Boxes	Rack	pc	—	—
	Box	mm	—	76*76
	Layers per rack	pc	—	3
	Vials	pc	—	75
25ml	Rack	pc	—	1
	Layers per rack	pc	—	2
	Boxes per layer	pc	—	3
	Blood bag	pc	—	6
50ml	Rack	pc	—	1
	Layers per rack	pc	—	1
	Boxes per layer	pc	—	3
	Blood bag	pc	—	3
Packing Size(W*D*H)	mm	254*254*480	340*340*500	335*335*585
Gross Weight	kg	5	7	8

Accessories

Canister



Technical Parameters:

Model	TT-30D	TT-50D	TT-50D-II	TT-80D	TT-80D-II	TT-125D	TT-125D-II
Caliber(mm)	30	50	50	80	80	125	125
Layer	Single	Single	Double	Single	Double	Single	Double
Height(mm)	120	120	276	120	276	120	276
Canister Outer Diameter(mm)	19	38	38	63	63	97	97
Application Models	The single-layer canisters are applicable to all models of corresponding caliber. TT-50D/ D-II is used withLNC-20-50 and larger containers of the caliber 50mm. TT-80D/ D-II is used with LNC-30-80 and larger containers of caliber 80mm. TT-125D/ D-II is used with LNC-10-125, LNC-30-125 and larger containers of caliber 125mm. Single-layer canister is the standard accessory. Double-layer type is optional.						

Rack with Vial Boxes



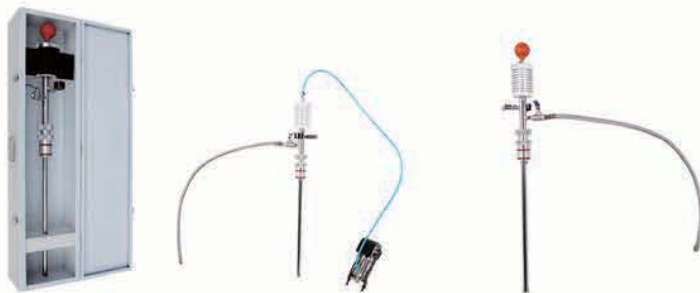
Technical Parameters:

Model	FTT-4-55	FTT-5-55	FTT-6-55	FTT-5-99	FTT-6-99	FTT-8-99	FTT-10-99
Layer	4	5	6	5	6	8	10
Vial Boxes (R*L)	5*5						
Dimension (W*D*H) mm	82*84*232	82*84*286	82*84*342	142*144*286	142*144*342	142*144*456	138*140*571
Application Models	LNC-30-125	LNC-35-125	LNC-47-127	LNC-95-216	LNC-115-216	LNC-140-216	LNC-175-216

Liquid Nitrogen Pump

Features:

- \* Integrated design for easy operation.
- \* Discharging the liquid nitrogen fast.
- \* Two types: hand- operated and foot-operated.



Technical Parameters:

Model	Hand-operated		Foot-operated	
	YDB-5S-50	YDB-5S-80	YDB-8J-50	YDB-8J-80
Caliber of the Container	50mm	80mm	50mm	80mm
Discharge Pressure	0.04≤MPa			
Discharge Speed	≥5L/min		≥8L/min	
Liquid Nitrogen Loss	≤5%	≤2.5%		
Foot Step Rate	—		60	
Net Weight	9kg			
Gross Weight	10.5kg			

Lid with lock



Level & Temperature monitor



Trolley



Level Ruler





