

Lab & Medical Equipment



Liquid Nitrogen Container & Liquid Nitrogen Pump

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Liquid Nitrogen Container

Liquid Nitrogen Container for Storage and Transportation



LNC-2-30 /LNC-3-50/
LNC-10-50/LNC-10-80



LNC-6-50



LNC-20-50(L)/LNC-20B-50(L)
/LNC-25-50L/LNC-35-50(L)
/LNC-35-80(L)/LNC-35B-50(L)
/LNC-35B-80(L)/LNC-50B-50



LNC-15-50/LNC-30-50(L)
/LNC-30-80(L)/LNC-30B-50(L)

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

Technical Parameters:

[illegible]

Model			Unit	LNC-10 -125F	LNC-30 -125	LNC-30 -125F	LNC-35 -125	LNC-35 -125L	LNC-35 -125F	LNC-47 -127L	LNC-47 -127Y
Capacity			L	10	31.5	31.5	35.5	35.5	35.5	47	47
Weight Empty			kg	6.3	13	13	14.6	14.6	14.6	18.2	18.2
Caliber			mm	125	125	125	125	125	125	127	127
Outer Diameter			mm	300	462	462	462	462	462	508	508
Height			mm	554	704	704	748	748	748	718	718
Static Evaporation Loss			L/d	0.42	0.35	0.35	0.36	0.36	0.36	0.36	0.36
Static Holding Time			d	24	90	90	97	97	97	130	130
Canister Item No.			/	FTT-25-4	S30-125	FTT-25-4	S35-125	D35-125	FTT-25-5	D47-127	Y47-127-5
Rack With 2ml Freezing Tube	Rack		pc	1	—	6	—	—	6	—	6
	Rack Size		mm	82*84	—	82*84	—	—	82*84	—	105*100
	Box Size		mm	76*76	—	76*76	—	—	76*76	—	Φ98
	Layers Per Rack		pc	4	—	4	—	—	5	—	5
	Vial		pc	100	—	600	—	—	750	—	1110
Rack With 5ml Freezing Tube	Rack		pc	—	—	—	—	—	—	—	—
	Rack Size		mm	—	—	—	—	—	—	—	—
	Box Size		mm	—	—	—	—	—	—	—	—
	Layers Per Rack		pc	—	—	—	—	—	—	—	—
	Vial		pc	—	—	—	—	—	—	—	—
Canister	Canister Outer Diameter		pc	97	97	—	97	97	—	104	98
	Canister Height		pc	120	120	—	120	276	—	276	276
	Canisters No. (Standard)		pc	1	6	—	6	—	—	6	—
	Straw Holding Capacity (Single)	0.5ml	pc	854	5124	—	5124	—	—	—	—
		0.25ml	pc	1940	11640	—	11640	—	—	—	—
	Straw Holding Capacity (Double)	0.5ml	pc	—	—	—	—	9048	—	10704	—
		0.25ml	pc	—	—	—	—	20760	—	23604	—
Accessories		PU Bag	pc	—	√	√	√	√	√	—	—
		Lockable Lid	set	√	√	√	√	√	√	√	√
		Transport Trolley	set	—	•	•	•	•	•	•	•
		Liquid Nitrogen Temp Monitor	set	•	•	•	•	•	•	•	•
Packing Size(W*D*H)			mm	340*340*615	480*480*900	480*480*900	480*480*915	480*480*915	480*480*915	540*540*890	540*540*890
Gross Weight			kg	15	23	23	24.5	24.5	24.5	32	32
Note:Standard:√ Optional:• Without this feature:—											

Technical Parameters:

Model		Unit	LNC-65-216	LNC-95-216	LNC-115-216	LNC-145-216	LNC-175-216
Capacity		L	65	95	115	145	175
Weight Empty		kg	38.3	41.3	42.3	48.9	53.8
Caliber		mm	216	216	216	216	216
Outer Diameter		mm	681	681	681	681	681
Height		mm	712	774	846	946	1060
Static Evaporation Loss		L/d	0.78	0.97	0.94	0.96	0.95
Static Holding Time		d	83	98	122	151	184
Canister Item No.		—	FTT-81-4	FTT-81-5	FTT-81-6	FTT-81-8	FTT-81-10
Racks With 2ml Freezing Tube	Rack(Standard/Max)	pc	6	6	6	6	6
	Rack Size	mm	142*144	142*144	142*144	142*144	142*144
	Box Size	mm	134*134	134*134	134*134	134*134	134*134
	Layers Per Rack	pc	4	5	6	8	10
	Vial	pc	1944	2430	2916	3888	4860
Accessories	PU Bag	pc	—	—	—	—	—
	Lockable Lid	set	√	√	√	√	√
	Transport Trolley	set	•	•	•	•	•
	Liquid Nitrogen Temp Monitor	set	•	•	•	•	•
Packing Size(W*D*H)		mm	810*810*945	810*810*1005	810*810*1065	810*810*1185	810*810*1315
Gross Weight		kg	60	64	66	73	80
Note:Standard:√ Optional:• Without this feature:—							

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

Technical Parameters:

Model		Unit	LNC-3-50DS	LNC-6-80DS	LNC-10-125DS	LNC-25-216DS
Effective Capacity		L	1.3	2.9	3.4	9
Weight Empty		Kg	3.2	4.9	6.7	15
Caliber		mm	50	80	125	216
Outer Diameter		mm	223	300	300	394
Height		mm	435	487	554	716
Static Evaporation Loss		L/d	0.16	0.2	0.43	0.89
Static Holding Time		d	20	37	23	29
Effective Shelf Life		d	8	14	8	10
Canister Item No.		—	S3H-50	S6H-80	FDCJ-25-4	FDCJ-81-5
Canister	Canister Outer Diameter	mm	38	63	—	—
	Canister Height	mm	120	120	—	—
	Canisters No.	pc	1	1	—	—
	Straw Holding Capacity(120mm Canister)	0.5 ml pc	132	374	—	—
		0.25 ml pc	298	837	—	—
Rack With Vial Boxes	Rack	pc	—	—	1	1
	Box	mm	—	—	76*76	134*134
	Layers Per Rack	pc	—	—	4	5
	Vial	pc	—	—	100	405
25ml Blood Bag	Rack	pc	—	—	1	1
	Stages Per Rack	pc	—	—	1	2
	Boxes Per Stage	pc	—	—	3	15
	Blood Bag Capacity	pc	—	—	3	30
50ml Blood Bag	Rack	pc	—	—	1	1
	Stages Per Rack	pc	—	—	1	1
	Boxes Per Stage	pc	—	—	3	15
	Blood Bag Capacity	pc	—	—	3	15
Accessories	PU Bag	pc	√	√	—	—
	Lockable Lid	set	√	√	√	√
	Liquid Nitrogen Temp Monitor	set	•	•	•	•
Packing Size(W*D*H)		mm	270*270*510	340*340*555	340*340*615	425*425*765
Gross Weight		kg	9	12	19	24
Note:Standard:√ Optional:• Without this feature:—						



Accessories

Technical Parameters:

Model	Caliber(mm)	Layer(ea)	Height(mm)	Canister Outer Diameter	Application Models
S2-30	30	Single	120	19	LNC-2-30
S3-50	50	Single	120	38	LNC-3-50
S6-50	50	Single	120	38	LNC-6-50
S10-50	50	Single	120	38	LNC-10-50
S10-80	80	Single	120	63	LNC-10-80
S15-50	50	Single	120	38	LNC-15-50
S30-50	50	Single	120	38	LNC-20-50 LNC-20B-50 LNC-30-50 LNC-30B-50
S30-80	80	Single	120	63	LNC-30-80
S30-125	125	Single	120	97	LNC-30-125
S35-50	50	Single	120	38	LNC-35-50 LNC-35B-50
S35-80	80	Single	120	63	LNC-35-80 LNC-35B-80
S50-50	50	Single	120	38	LNC-50B-50
S35-125	125	Single	120	97	LNC-35-125
Y47-127-5	127	5	276	98	LNC-47-127Y
S3H-50	50	Single	120	38	LNC-3-50DS
S6H-80	80	Single	120	63	LNC-6-50DS
S10H-125	125	Single	120	97	LNC-10-125DS
D30-50	50	Double	276	38	LNC-20-50L LNC-20B-50L LNC-30-50L LNC-30B-50L
D30-80	80	Double	276	63	LNC-30-80L
D35-50	50	Double	276	38	LNC-25-50L LNC-35-50L LNC-35B-50L
D35-80	80	Double	276	63	LNC-35-80L LNC-35B-80L
D35-125	125	Double	276	97	LNC-35-125L
D47-127	127	Double	276	104	LNC-47-127L

Technical Parameters:

Model	Layer	Rack Size	Box Size	Vial Boxes(R*L)	Application Models
FTT-81-4	4	142*144	134*134	9*9	LNC-65-216
FTT-81-5	5	142*144	134*134	9*9	LNC-95-216
FTT-81-6	6	142*144	134*134	9*9	LNC-115-216
FTT-25-4	4	82*84	76*76	5*5	LNC-30-125 LNC-10-125
FTT-25-5	5	82*84	76*76	5*5	LNC-35-125
FTT-81-8	8	142*144	134*134	9*9	LNC-145-216
FTT-81-10	10	142*144	134*134	9*9	LNC-175-216
FDCJ-25-4	4	—	76*76	5*5	LNC-10-125DS
FDCJ-81-5	5	—	134*134	9*9	LNC-25-216DS

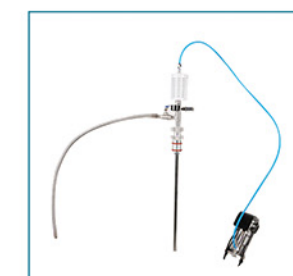
Liquid Nitrogen Pump

Features:

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



YDB-5



YDB-8

Technical Parameters:

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

Lid with lock



Level & Temperature monitor



Level Ruler



Trolley



YSC-30-4W
YSC-47-4W
YSC-175-4W



YSC-30-5W
YSC-47-5W
YSC-120-5W
YSC-175-5W