

Liquid Nitrogen Container for Storage and Transportation

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

- * More than five years life
- * Made of high-strength aluminium alloy
- * Adopting advanced powder coating technique

Model	Unit	LNC 2-30	LNC 3-50	LNC 6-50	LNC 10-50	LNC 15-50	LNC 20-50	LNC 25-50	LNC 30-50	LNC 35-50	LNC 40-50	LNC 45-50	LNC 50-50	LNC 55-50	LNC 60-50	LNC 65-50	LNC 70-50	LNC 75-50	LNC 80-50	LNC 85-50	LNC 90-50	LNC 95-50	LNC 100-50	LNC 105-50	LNC 110-50	LNC 115-50	LNC 120-50	LNC 125-50	LNC 130-50	LNC 135-50	LNC 140-50	LNC 145-50	LNC 150-50	LNC 155-50	LNC 160-50	LNC 165-50	LNC 170-50	LNC 175-50	LNC 180-50	LNC 185-50	LNC 190-50	LNC 195-50	LNC 200-50	LNC 205-50	LNC 210-50	LNC 215-50	LNC 220-50	LNC 225-50	LNC 230-50	LNC 235-50	LNC 240-50	LNC 245-50	LNC 250-50	LNC 255-50	LNC 260-50	LNC 265-50	LNC 270-50	LNC 275-50	LNC 280-50	LNC 285-50	LNC 290-50	LNC 295-50	LNC 300-50	LNC 305-50	LNC 310-50	LNC 315-50	LNC 320-50	LNC 325-50	LNC 330-50	LNC 335-50	LNC 340-50	LNC 345-50	LNC 350-50	LNC 355-50	LNC 360-50	LNC 365-50	LNC 370-50	LNC 375-50	LNC 380-50	LNC 385-50	LNC 390-50	LNC 395-50	LNC 400-50	LNC 405-50	LNC 410-50	LNC 415-50	LNC 420-50	LNC 425-50	LNC 430-50	LNC 435-50	LNC 440-50	LNC 445-50	LNC 450-50	LNC 455-50	LNC 460-50	LNC 465-50	LNC 470-50	LNC 475-50	LNC 480-50	LNC 485-50	LNC 490-50	LNC 495-50	LNC 500-50	LNC 505-50	LNC 510-50	LNC 515-50	LNC 520-50	LNC 525-50	LNC 530-50	LNC 535-50	LNC 540-50	LNC 545-50	LNC 550-50	LNC 555-50	LNC 560-50	LNC 565-50	LNC 570-50	LNC 575-50	LNC 580-50	LNC 585-50	LNC 590-50	LNC 595-50	LNC 600-50	LNC 605-50	LNC 610-50	LNC 615-50	LNC 620-50	LNC 625-50	LNC 630-50	LNC 635-50	LNC 640-50	LNC 645-50	LNC 650-50	LNC 655-50	LNC 660-50	LNC 665-50	LNC 670-50	LNC 675-50	LNC 680-50	LNC 685-50	LNC 690-50	LNC 695-50	LNC 700-50	LNC 705-50	LNC 710-50	LNC 715-50	LNC 720-50	LNC 725-50	LNC 730-50	LNC 735-50	LNC 740-50	LNC 745-50	LNC 750-50	LNC 755-50	LNC 760-50	LNC 765-50	LNC 770-50	LNC 775-50	LNC 780-50	LNC 785-50	LNC 790-50	LNC 795-50	LNC 800-50	LNC 805-50	LNC 810-50	LNC 815-50	LNC 820-50	LNC 825-50	LNC 830-50	LNC 835-50	LNC 840-50	LNC 845-50	LNC 850-50	LNC 855-50	LNC 860-50	LNC 865-50	LNC 870-50	LNC 875-50	LNC 880-50	LNC 885-50	LNC 890-50	LNC 895-50	LNC 900-50	LNC 905-50	LNC 910-50	LNC 915-50	LNC 920-50	LNC 925-50	LNC 930-50	LNC 935-50	LNC 940-50	LNC 945-50	LNC 950-50	LNC 955-50	LNC 960-50	LNC 965-50	LNC 970-50	LNC 975-50	LNC 980-50	LNC 985-50	LNC 990-50	LNC 995-50	LNC 1000-50	LNC 1005-50	LNC 1010-50	LNC 1015-50	LNC 1020-50	LNC 1025-50	LNC 1030-50	LNC 1035-50	LNC 1040-50	LNC 1045-50	LNC 1050-50	LNC 1055-50	LNC 1060-50	LNC 1065-50	LNC 1070-50	LNC 1075-50	LNC 1080-50	LNC 1085-50	LNC 1090-50	LNC 1095-50	LNC 1100-50	LNC 1105-50	LNC 1110-50	LNC 1115-50	LNC 1120-50	LNC 1125-50	LNC 1130-50	LNC 1135-50	LNC 1140-50	LNC 1145-50	LNC 1150-50	LNC 1155-50	LNC 1160-50	LNC 1165-50	LNC 1170-50	LNC 1175-50	LNC 1180-50	LNC 1185-50	LNC 1190-50	LNC 1195-50	LNC 1200-50	LNC 1205-50	LNC 1210-50	LNC 1215-50	LNC 1220-50	LNC 1225-50	LNC 1230-50	LNC 1235-50	LNC 1240-50	LNC 1245-50	LNC 1250-50	LNC 1255-50	LNC 1260-50	LNC 1265-50	LNC 1270-50	LNC 1275-50	LNC 1280-50	LNC 1285-50	LNC 1290-50	LNC 1295-50	LNC 1300-50	LNC 1305-50	LNC 1310-50	LNC 1315-50	LNC 1320-50	LNC 1325-50	LNC 1330-50	LNC 1335-50	LNC 1340-50	LNC 1345-50	LNC 1350-50	LNC 1355-50	LNC 1360-50	LNC 1365-50	LNC 1370-50	LNC 1375-50	LNC 1380-50	LNC 1385-50	LNC 1390-50	LNC 1395-50	LNC 1400-50	LNC 1405-50	LNC 1410-50	LNC 1415-50	LNC 1420-50	LNC 1425-50
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Large Caliber Liquid Nitrogen Container



LNC-10-125F



LNC-30-125/125F



LNC-65-216



LNC-35-125/125L/125F



LNC-47-127L/127Y

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:

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	Rack	pc	1	—	6	—	—	6	—
	With 2ml	mm	82*84	—	82*84	—	—	82*84	—
	Box Size	mm	76*76	—	76*76	—	—	76*76	—
	Layers Per Rack	pc	4	—	4	—	—	5	—
	Vial	pc	100	—	600	—	—	750	—
Rack	Rack	pc	—	—	—	—	—	—	—
	With 5ml	mm	—	—	—	—	—	—	—
	Box Size	mm	—	—	—	—	—	—	—
	Layers Per Rack	pc	—	—	—	—	—	—	—
	Vial	pc	—	—	—	—	—	—	—
Canister	Canister Outer Diameter	pc	97	97	—	97	97	—	104
	Canister Height	pc	120	120	—	120	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	540*480*890	540*540*890
Gross Weight		kg	15	23	23	24.5	24.5	24.5	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
	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	4	5	6	8
	Vial	pc	1944	2430	2916	3888
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



LNC-3-50DS

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
	Box	mm	—	—	76*76
	Layers Per Rack	pc	—	—	4
	Vial	pc	—	—	100
25ml Blood Bag	Rack	pc	—	—	1
	Stages Per Rack	pc	—	—	1
	Boxes Per Stage	pc	—	—	3
	Blood Bag Capacity	pc	—	—	3
50ml Blood Bag	Rack	pc	—	—	1
	Stages Per Rack	pc	—	—	1
	Boxes Per Stage	pc	—	—	3
	Blood Bag Capacity	pc	—	—	3
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

Lid with lock



Level Ruler



Level & Temperature monitor



Trolley



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



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