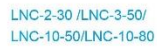


Liquid Nitrogen Container for Storage and Transportation



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

Technical Parameters:

Model	Unit	LNC 2.30	LNC 3.60	LNC 4.50	LNC 6.00	LNC 7.50	LNC 9.00	LNC 10.50	LNC 12.00	LNC 13.50	LNC 15.00	LNC 16.50	LNC 18.00	LNC 19.50	LNC 21.00	LNC 22.50	LNC 24.00	LNC 25.50	LNC 27.00	LNC 28.50	LNC 30.00	LNC 31.50	LNC 33.00	LNC 34.50	LNC 36.00	LNC 37.50	LNC 39.00	LNC 40.50	LNC 42.00	LNC 43.50	LNC 45.00	LNC 46.50	LNC 48.00	LNC 49.50	LNC 51.00	LNC 52.50	LNC 54.00	LNC 55.50	LNC 57.00	LNC 58.50	LNC 60.00	LNC 61.50	LNC 63.00	LNC 64.50	LNC 66.00	LNC 67.50	LNC 69.00	LNC 70.50	LNC 72.00	LNC 73.50	LNC 75.00	LNC 76.50	LNC 78.00	LNC 79.50	LNC 81.00	LNC 82.50	LNC 84.00	LNC 85.50	LNC 87.00	LNC 88.50	LNC 90.00	LNC 91.50	LNC 93.00	LNC 94.50	LNC 96.00	LNC 97.50	LNC 99.00	LNC 100.50	LNC 102.00	LNC 103.50	LNC 105.00	LNC 106.50	LNC 108.00	LNC 109.50	LNC 111.00	LNC 112.50	LNC 114.00	LNC 115.50	LNC 117.00	LNC 118.50	LNC 120.00	LNC 121.50	LNC 123.00	LNC 124.50	LNC 126.00	LNC 127.50	LNC 129.00	LNC 130.50	LNC 132.00	LNC 133.50	LNC 135.00	LNC 136.50	LNC 138.00	LNC 139.50	LNC 141.00	LNC 142.50	LNC 144.00	LNC 145.50	LNC 147.00	LNC 148.50	LNC 150.00	LNC 151.50	LNC 153.00	LNC 154.50	LNC 156.00	LNC 157.50	LNC 159.00	LNC 160.50	LNC 162.00	LNC 163.50	LNC 165.00	LNC 166.50	LNC 168.00	LNC 169.50	LNC 171.00	LNC 172.50	LNC 174.00	LNC 175.50	LNC 177.00	LNC 178.50	LNC 180.00	LNC 181.50	LNC 183.00	LNC 184.50	LNC 186.00	LNC 187.50	LNC 189.00	LNC 190.50	LNC 192.00	LNC 193.50	LNC 195.00	LNC 196.50	LNC 198.00	LNC 199.50	LNC 201.00	LNC 202.50	LNC 204.00	LNC 205.50	LNC 207.00	LNC 208.50	LNC 210.00	LNC 211.50	LNC 213.00	LNC 214.50	LNC 216.00	LNC 217.50	LNC 219.00	LNC 220.50	LNC 222.00	LNC 223.50	LNC 225.00	LNC 226.50	LNC 228.00	LNC 229.50	LNC 231.00	LNC 232.50	LNC 234.00	LNC 235.50	LNC 237.00	LNC 238.50	LNC 240.00	LNC 241.50	LNC 243.00	LNC 244.50	LNC 246.00	LNC 247.50	LNC 249.00	LNC 250.50	LNC 252.00	LNC 253.50	LNC 255.00	LNC 256.50	LNC 258.00	LNC 259.50	LNC 261.00	LNC 262.50	LNC 264.00	LNC 265.50	LNC 267.00	LNC 268.50	LNC 270.00	LNC 271.50	LNC 273.00	LNC 274.50	LNC 276.00	LNC 277.50	LNC 279.00	LNC 280.50	LNC 282.00	LNC 283.50	LNC 285.00	LNC 286.50	LNC 288.00	LNC 289.50	LNC 291.00	LNC 292.50	LNC 294.00	LNC 295.50	LNC 297.00	LNC 298.50	LNC 300.00	LNC 301.50	LNC 303.00	LNC 304.50	LNC 306.00	LNC 307.50	LNC 309.00	LNC 310.50	LNC 312.00	LNC 313.50	LNC 315.00	LNC 316.50	LNC 318.00	LNC 319.50	LNC 321.00	LNC 322.50	LNC 324.00	LNC 325.50	LNC 327.00	LNC 328.50	LNC 330.00	LNC 331.50	LNC 333.00	LNC 334.50	LNC 336.00	LNC 337.50	LNC 339.00	LNC 340.50	LNC 342.00	LNC 343.50	LNC 345.00	LNC 346.50	LNC 348.00	LNC 349.50	LNC 351.00	LNC 352.50	LNC 354.00	LNC 355.50	LNC 357.00	LNC 358.50	LNC 360.00	LNC 361.50	LNC 363.00	LNC 364.50	LNC 366.00	LNC 367.50	LNC 369.00	LNC 370.50	LNC 372.00	LNC 373.50	LNC 375.00	LNC 376.50	LNC 378.00	LNC 379.50	LNC 381.00	LNC 382.50	LNC 384.00	LNC 385.50	LNC 387.00	LNC 388.50	LNC 390.00	LNC 391.50	LNC 393.00	LNC 394.50	LNC 396.00	LNC 397.50	LNC 399.00	LNC 400.50	LNC 402.00	LNC 403.50	LNC 405.00	LNC 406.50	LNC 408.00	LNC 409.50	LNC 411.00	LNC 412.50	LNC 414.00	LNC 415.50	LNC 417.00	LNC 418.50	LNC 420.00	LNC 421.50	LNC 423.00	LNC 424.50	LNC 426.00	LNC 427.50	LNC 429.00	LNC 430.50	LNC 432.00	LNC 433.50	LNC 435.00	LNC 436.50	LNC 438.00	LNC 439.50	LNC 441.00	LNC 442.50	LNC 444.00	LNC 445.50	LNC 447.00	LNC 448.50	LNC 450.00	LNC 451.50	LNC 453.00	LNC 454.50	LNC 456.00	LNC 457.50	LNC 459.00	LNC 460.50	LNC 462.00	LNC 463.50	LNC 465.00	LNC 466.50	LNC 468.00	LNC 469.50	LNC 471.00	LNC 472.50	LNC 474.00	LNC 475.50	LNC 477.00	LNC 478.50	LNC 4
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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

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	—	—
	Straw Holding Capacity(120mm Canister)	0.5 ml	132	374	—
		0.25 ml	298	837	—
Rack With Vial Boxes	Rack	pc	—	—	1
	Box	mm	—	—	76*76
	Layers Per Rack	pc	—	—	4
25ml Blood Bag	Vial	pc	—	—	100
	Rack	pc	—	—	1
	Stages Per Rack	pc	—	—	1
50ml Blood Bag	Boxes Per Stage	pc	—	—	3
	Blood Bag Capacity	pc	—	—	3
	Rack	pc	—	—	1
Accessories	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: —

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.

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	—	6
	Rack Size	mm	82*84	—	—	—	82*84	—	105*100
	Box Size	mm	76*76	—	—	—	76*76	—	Φ98
	Layers Per Rack	pc	4	—	—	—	5	—	5
Freezing Tube	Vial	pc	100	—	600	—	750	—	1110
	Rack	pc	—	—	—	—	—	—	—
	Rack Size	mm	—	—	—	—	—	—	—
	Box Size	mm	—	—	—	—	—	—	—
Canister	Layers Per Rack	pc	—	—	—	—	—	—	—
	Vial	pc	—	—	—	—	—	—	—
	Canister Outer Diameter	pc	97	97	—	97	97	—	104
	Canister Height	pc	120	120	—	120	276	—	276
Accessories	Canisters No. (Standard)	pc	1	6	—	6	—	—	6
	Straw Holding Capacity (Single)	0.5ml	pc	854	5124	—	5124	—	—
	0.25ml	pc	1940	11640	—	11640	—	—	—
		0.5ml	pc	—	—	—	9048	—	10704
	0.25ml	pc	—	—	—	—	20760	—	23604
		0.5ml	pc	—	—	—	—	—	—
	PU Bag	pc	—	√	√	√	√	—	—
	Lockable Lid	set	√	√	√	√	√	√	√
Packing Size(W*D*H)	Transport Trolley	set	—	•	•	•	•	•	•
	Liquid Nitrogen Temp Monitor	set	•	•	•	•	•	•	•
	Gross Weight	kg	15	23	23	24.5	24.5	24.5	32
	Packing Size(W*D*H)	mm	340*340*615	480*480*900	480*480*900	480*480*915	480*480*915	540*540*890	540*540*890

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