

Biological Liquid Nitrogen Container

Liquid Nitrogen Container for Storage and Transportation









LNC-30-50/LNC-30-80/ LNC-30B-50/LNC-30B-80/ LNC-35-50/LNC-35-80/ LNC-35B-50/LNC-35B-80/ LNC-50B-50/LNC-50B-80

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.
- st A leather bag is available for models of the capacity less than 50L.

Optional: Lid with lock

Level & Temperature monitor

	į		LNC-2 LNC-2	LNC-3	LNC-6	LNC-10	LNC-10	LNC-10 LNC-10 LNC-15 LNC-20 LNC-	LNC-20		LNC-25	LNC-25 LNC-30 LNC-30	LNC-30	LNC-	LNC	LNC-35	LNC-35	LNC-	LNC	LNC-	LNC
Model	5	-30	-50	-50	-50	-50	-80	-50	-50	20B-50	-50	-50	-80	30B-50	30B-80	-50	-80	35B-50	35B-80	50B-50	50B
Capacity		2	2	ო	9	10	10	15	20	20	25	30	30	30	99	35	35	35	35	20	20
Weight Empty	ā	m	ю	3.5	5	6.3	6.5	8.2	12	12	12.8	13	13.5	13.1	13.6	14	14.2	14.1	14.3	22	22.1
Caliber	mm	n 30	20	20	20	20	88	20	20	20	20	20	80	20	88	20	80	20	88	20	88
Outer Diameter	mm	n 230	230	230	300	300	300	409	409	409	409	461	461	461	461	461	461	461	461	461	461
Height	mm	n 375	375	425	465	535	540	900	640	640	029	999	652	922	652	969	692	969	692	790	788
Static Evaporation Loss	P) vo	1 0.07	0.10	0.10	0.11	0.10	0.21	0.11	0.12	0.19	0.13	0.11	0.20	0.19	0.28	0.12	0.22	0.20	0.29	0.23	0.33
Static Holding Time d	me d	29	20	90	22	92	48d	136	172	106	186	282	150	161	108	302	162	179	121	213	150
Canister Outer Diameter	mm ec	e 19	1	88	38	88	8	88	38	38	38	38	83	38	63	38	63	38	88	38	63
Canister Height mm 120	tht mn	n 120	1	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	120/2
Canisters No.(max) pc	ax) pc	n	Ü	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.	9	n	1	е	60	е	8	8	m	m	8	e	n	3	6	e	9	e	e	m	m
Straw 0.5ml	DC JL	06	ĵ.	792	792	792	2244	792	792	792	792	792	2244	792	2244	792	2244	792	2244	792	2244
capacity 0.26 (single)	0.25ml pc	204	Ŋ	1788	1788	1788	5022	1788	1788	1788	1788	1788	5022	1788	5022	1788	5022	1788	5022	1788	5022
Straw 0.5ml holding	n pc	- 1	1	Ī	1	Ĩ		ĵ	1284	1284	1284	1284	3624	1284	3624	1284	3624	1284	3624	1284	3624
capacity 0.25 (double)	0.25ml pc	1	1	ì		ā		1	2832	2832	2832	2832	8460	2832	8460	2832	8460	2832	8460	2832	8460
Packing Size (W*D*H)	E E		254"254 254"254		340*340	254*254 340*340 335*335	335*335	405*405	446*446	446*446	436*436	480*480	480*480	480*480	480*480	480*480	480*480	480*480	480*480	480*480	480*2
Gross Weight	\$	4	4	2	7	80	80	12		41	16		18.5	18.5	18.5	19	19	19	19	22	22
NOTES: 1. Containers model with letter "B" is the transportation type and the rest are storage type.	ntainers	s model v	with letter "B"	is the trans	sportation	type and the	le rest are	storage type	De.	C											
Z. 12UIIII	111111111111111111111111111111111111111	grant.	 IZUTITITITI AT DEZ ZOTITITI EN CATISSES AT E APPICADITE DE TROCEIS II OTT LINC-ZO-50 TO LINC-500-50. 	Callisters a	e applica	Die to House	1 1 1 1 1 1	100-00-00 N	בואט-סטנו	-00-											



Large Caliber Liquid Nitrogen Container





LNC-10-125

LNC-30-125







LNC-65-216

LNC-35-125

LNC-47-127

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-12
Capacity	/		L	10	30	35	47	50
Weight E	Empty		kg	7.2	14.2	15.2	19	21
Caliber			mm	125	125	125	127	125
Outer Di	ameter		mm	300	461	461	461	461
Height			mm	535	655	700	780	790
Static Ev	vaporation Loss		L/d	0.43	0.33	0.36	0.45	0.45
Static Ho	olding Time		d	24	92	98	107	110
5	Rack		рс	1	7	7	7	7
Rack	Rack Size		mm	82*84	82*84	82*84	82*84	82*84
with	Box Size		mm	76*76	76*76	76*76	76*76	76*76
Vial	Layers Per Rack		рс	3	3	4	6	6
Boxes	Vial		рс	75	525	700	1050	1050
05.1	Rack		рс		18	18	18	18
25ml	Layers Per Rack		рс		2	2	3	3
(single)	Blood Bag		рс		36	36	54	54
	Rack		рс	-	7	7	7	7
25ml	Layers Per Rack		рс		2	2	3	3
(multi)	Boxes Per Layer		рс	-	4	4	4	4
	Blood Bag		рс	<u> </u>	56	56	84	84
	Canister Outer D	iameter	рс	38	97	97	97	97
	Canister Height		рс	120	120/276	120/276	120/276	120/276
	Canisters No.(ma	ax)	рс	1	3~6	3~6	3~6	3~6
e	Canisters No.(sta	andard)	рс		3	3	3	3
Canister	Straw Holding	0.5ml	рс	792	5124	5124	5124	5124
O	Capacity(single)	0.25ml	рс	1788	11952	11952	11952	11952
	Straw Holding	0.5ml	рс		9048	9048	9048	9048
	Capacity(double)	0.25ml	рс		19944	19944	19944	19944
Packing	Size(W*D*H)		mm	335*335*585	480*480*840	480*480*880	480*480*960	480*480*96
Gross W	/eight		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 E	mpty	kg	28	35	40	45	55
Caliber		mm	216	216	216	216	216
Outer Dia	ameter	mm	570	681	681	681	681
Height		mm	765	726	796	910	1026
Static Ev	aporation Loss	L/d	0.89	0.97	0.94	0.96	0.94
Static Ho	lding Time	d	73	98	122	146	186
	Rack	рс	5	7	7	7	7
Rack	Rack size	mm	142*144	142*144	142*144	142*144	142*144
with	Box size	mm	134*134	134*134	134*134	134*134	134*134
Vial	Layers per rack	рс	5	5	6	8	10
Boxes	Vial	рс	2500	3500	4200	5600	7000
	Rack	рс	30	30	30	30	30
25ml	Layers per rack	рс	3	2	3	4	5
(single)	Blood Bag	рс	90	60	90	120	150
	Rack	рс	7	7	7	7	7
25ml	Layers per rack	рс	3	2	3	4	5
(multi)	Boxes per layer	рс	8	10	10	10	10
	Blood bag	рс	168	140	210	280	350
223 /I	Rack	рс	18	30	30	30	30
50ml	Layers per rack	рс	3	3	4	4	5
(single)	Blood bag	рс	54	90	120	120	150
	Rack	рс	4	7	7	7	7
50ml	Layers per rack	рс	3	2	3	4	5
(multi)	Boxes per layer	рс	8	8	8	8	8
	Blood bag	рс	96	112	168	224	280
Packing	Size(W*D*H)	mm	710*710*740	870*870*940	870*870*1010	870*870*1110	870*870*1220
Gross W	eight	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
- st 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 Emp	oty		Kg	5.5	7.6	9.8
Caliber			mm	50	80	125
Outer Diame	eter		mm	230	300	300
Height			mm	425	465	535
Static Holdin	ng Time		d	6	11	18
	Canister outer	diameter	mm	38	70	97
	Canisters No.		mm	120	276	276
Canister	Number of car	isters	рс	1	1	1
	Straw holding	0.5 ml	рс	132	430	854
	capacity	0.25 ml	рс	298	1032	1992
	Rack		рс		;—;	1
Rack with	Box		mm	£	: a	76*76
Vial Boxes	Layers per rac	k	рс	R 	;—;	3
	Vials		рс	(=-1"		75
	Rack		рс	7-07	12-02	1
05	Layers per rac	k	рс	158		2
25ml	Boxes per laye	er	рс	F2(),	(3
	Blood bag		рс	·—·	::	6
	Rack		рс	8 - 8	5 8	1
E0ml	Layers per rack		рс	£—8	52 <u></u> 24	1
50ml	Boxes per laye	er	рс	B—0	1:	3
	Blood bag		рс	SaW	8.—W	3
Packing Size	e(W*D*H)		mm	254*254*480	340*340*500	335*335*585
Gross Weigl	ht		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	LNC-2-30	caliber. The caliber 50 of caliber and larger	e-layer caniste F-50D/ D-II is mm. TT-80D/ 80mm. TT-12 containers o accessory. Do	used withLl D-II is used 5D/ D-II is used f caliber 125	NC-20-50 and with LNC-30 used with LN 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	d larger cont 0-80 and larg C-10-125, LN layer caniste	ainers of the per containers NC-30-125

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:

Medal	Hand-operated		Foot-operated	
Model	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	-	14	1
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

Certificate of Compliance

No. 0P170811.BBDS77

Technical Construction File no. TPJS201708102024

Certificate's

Holder:

Biobase Biodustry (Shandong) Co., Ltd.

No.51 South Gongye Road, Jinan, China

Certification ECM Mark:



Biological Liquid Nitrogen Container Product:

with a range of accessories

Model(s): LNC-2-30 / LNC-2-50 / LNC-3-50 / LNC-6-50 / LNC-10-50 /

LNC-10-80 / LNC-15-50 / LNC-20-50 / LNC-20B-50 / LNC-25-50 / LNC-30-50 / LNC-30-80 / LNC-30B-50 / LNC-30B-80 / LNC-35-50 / LNC-35-80 / LNC-35B-50 / LNC-35B-80 / LNC-50B-50 / LNC-50B-80 / LNC-10-125 / LNC-30-125 / LNC-35-125 / LNC-47-127 / LNC-50B-125 / LNC-65-216 / LNC-95-216 / LNC-115-216 / LNC-140-216 / LNC-175-216 / LNC-3-50DS / LNC-6-80DS / LNC-10-125DS

Verification to: Standard:

EN 13458-1:2002, EN 13458-2:2002+AC:2006,

EN 13458-3:2003

related to CE Directive(s):

2014/68/EU (Pressure Equipment) Category II Module A2

Remark: The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at www.entecerma.it. This Certificate of Compliance can be checked for validity at www.entecerma.it

This verification doesn't imply assessment of the production of the product(s).



Additional information, clarification about the CE Marking:

We attest that a TCF for the CE Marking process is in place. Whereas the Manufacturer is Responsible to start the CE Marking Certification Procedure through an appointed Notified Body and the perform all the necessary activities, as required by the Directive and accepted by the Notified Body, before placing the $\mathfrak{C} \in \mathbb{C}$ Mark on the product(s).

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Deputy Manager Amanda Payne



Ente Certificazione Macchine Srl