Dry Shipper Liquid Nitrogen Tank



LNC-1-50D



LNC-3-80D



LNC-4-125D



LNC-9-216D

Application

Dry shipper series is suitable for cryogenic environment (vapor storage at temperatures below -190 °C) transportation for samples. It could avoid the risk of the liquid nitrogen releasing during transportation, especially designed for short-term air transport. Mainly used for laboratory users and short-term delivery of small number samples.

Advantage

- Vapor cryogenic storage.
- Fast liquid nitrogen filling.
- High strength aluminum construction.
- Straws or vials storage is optional.
- Three years vacuum warranty.
- Lockable lid.
- No liquid nitrogen overflow.

Specification

Model		LNC-1-50D	LNC-3-80D	LNC-4-125D	LNC-9-216D
Effective Capacity (L)		1.3	2.9	3.4	9
Weight Empty (kg)		3.2	4.9	6.7	15
Neck Opening (mm)		50	80	125	216
Outer Diameter (mm)		223	300	300	394
Overall Height (mm)		435	487	625	716
Static Evaporation Rate (L/day)		0.16	0.2	0.43	0.89
Static Holding Time (day)		20	37	23	29
Effective Shelf Life		8	14	8	10
Maximum Storage Capacity					
Canister	Canister Diameter (mm)	38	63	97	/
	Canister Height (mm)	120	120	120	/
	Number of Canisters (ea)	1	1	1	/
	Straws Capacity 0.5 mL (ea)	132	374	854	/
	(120 mm Canister) 0.25 mL (ea)	298	837	1940	/
Racks	Number of Racks (ea)	/	/	1	1
&Vials	Vial Boxes Size (mm)	/	/	76×76	134×134
Boxes	Boxes Per Rack (ea)	/	/	4	5
	1.2;1.8&2 mL Vials (Internally Threaded)	/	/	100	500
25 mL	Number of Racks (ea)	/	/	1	1
Blood	Stages Per Rack (ea)	/	/	1	2
Bag	Boxes Per Stage (ea)	/	/	3	15
	Blood Bag Capacity (ea)	/	/	3	30
50 mL	Number of Racks (ea)	/	/	1	1
Blood	Stage Per Rack (ea)	/	/	1	1
Bag	Boxes Per Stage (ea)	/	/	3	15
	Blood Bag Capacity (ea)	/	/	3	15
Gross Weight (kg)		4.48	6.74	8.56	19.54
Shipping Size(W×D×H)(mm)		270×270×510	340×340×555	340×340×615	425×425×800
Optional Accessories					
Lockable Lid		Standard	Standard	Standard	Standard
PU Bag (Protective Jacket)		Standard	Standard	/	/
Smart Cap		/	/	/	/

Static evaporation rate and static holding time is the theoretical.Actual evaporation rate and holding time will be affected by container usage,atmo spheric conditions and manufacturing tolerances.

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