

Liquid Nitrogen Dry Shipper

- There is liquid nitrogen absorber in the inner vessel of the series of products.
- The absorber absorbs and stores the liquid nitrogen inside, and
- even if the container is turned over during transportation, liquid nitrogen never spills out.
- It is less static evaporation loss mass of liquid nitrogen and safety usage, especially for air transportation.



Specification of Liquid Nitrogen Dry Shipper

Model		ST-LN3-35	ST-LN8-80
Capacity (L)		3.5	8.0
Empty Weight (kg)		5.2	8.9
Neck Diameter (mm)		50	80
Outer Diameter (mm)		224	303
Height (mm)		535	610
Static Evaporator Loss Mass (L/D)		0.14	0.22
Static Holding Time		25	36
Number of Canister		1	1
Canister Outer Diameter		38	70
Straw Capacity	0.25ml	472	1780
	0.5ml	214	820

Liquid Nitrogen Tank

- High-strength aluminium alloy structure, light empty weight. Hinged handle (except ST-LN5) is portable.
- The lockable device can be installed to the container lid upon customer's requirement so as to protect biological samples stored (limit for 30mm, 50mm, 80mm neck diameter).
- Encoding system is applied on canisters for easy recognition and convenient accessing of samples.
- More than 5-years vacuum quality guarantee is ensured with the multi-layer thermal isolation design.
- Supplied without canister except ST-LN11.



Specification of Liquid Nitrogen Tank

Model		ST-LN1	ST-LN2	ST-LN3	ST-LN5	ST-LN6	ST-LN10	ST-LN101	ST-LN11	ST-LN13
Capacity (L)		1.0	2.0	3.15	5.0	6.0	10.0	10.0	11.0	13.0
Empty Weight (kg)		2.0	2.9	3.4	5.3	5.0	6.2	6.5	6.8	6.8
Full Weight (kg)		2.8	4.6	5.9	9.3	9.9	14.3	14.6	15.7	17.5
Neck Diameter (mm)		30	30	50	200	50	50	80	50	50
Outer Diameter (mm)		180	217	224	287	287	303	303	287	303
Height (mm)		320	365	425	325	445	530	545	615	615
Static Evaporator Loss Mass (L/D)		0.067	0.067	0.105	1.667	0.100	0.100	0.175	0.100	0.103
Static Holding Time (d)		15	30	30	3	60	100	57	110	126
Canister Outer Diameter		26	19	38	-	38	38	63	38	38
Canister Height (single/ double) mm		120	120	120	-	120	120	120	120 / 276	120 / 276
Number of Canister		1	3	3-6	-	3-6	3-6	3-6	3-6	3-6
Straw Capacity (single level)	0.5ml	52	90	132xn	-	132xn	132xn	360xn	132xn	132xn
	0.25ml	110	204	298xn	-	298xn	298xn	846xn	298xn	298xn
Straw Capacity (double level)	0.5ml	-	-	-	-	-	-	-	214xn	214xn
	0.25ml	-	-	-	-	-	-	-	472xn	472xn