

## 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
	0.25ml	110	204	298xn	-	298xn	298xn	846xn	298xn
Straw Capacity (double level)	0.5ml	-	-	-	-	-	-	214xn	214xn
	0.25ml	-	-	-	-	-	-	472xn	472xn

## Liquid Nitrogen Tank

- High-strength aluminium alloy structure, light empty weight.
- The lockable device can be installed to the container lid upon customer's requirement so as to protect biological samples stored (limit for 50mm, 80mm, 125mm 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 with canister.



### Specification of Liquid Nitrogen Tank

Model		ST-LN16	ST-LN20	ST-LN3151	ST-LN3152	ST-LN3153	ST-LN3154
Capacity (L)		16.0	20.0	31.5	31.5	31.5	31.5
Empty Weight (kg)		8.2	11.4	12.6	13.5	14.0	15.5
Full Weight (kg)		21.2	27.6	38.1	39.0	39.5	41.0
Neck Diameter (mm)		50	50	50	80	125	200
Outer Diameter (mm)		355	409	446	446	446	446
Height (mm)		600	655	670	680	690	680
Static Evaporator Loss Mass (L/D)		0.103	0.099	0.107	0.181	0.297	0.563
Static Holding Time (d)		155	202	295	174	106	56
Canister Outer Diameter		38	38	38	63	97	-
Canister Height (single/ double) mm		120	120 / 276	120 / 276	120 / 276	120 / 276	-
Number of Canister		3 ~ 6	3 ~ 6	3 ~ 6	3 ~ 6	3 ~ 6	-
Straw Capacity (single level)	0.5ml	132xn	132xn	132xn	360xn	854xn	-
	0.25ml	298xn	298xn	298xn	846xn	1992xn	-
Straw Capacity (double level)	0.5ml	-	214xn	214xn	604xn	1508xn	-
	0.25ml	-	472xn	472xn	1446xn	3324xn	-

## Liquid Nitrogen Tank

- High-strength aluminium alloy structure.
- The outer shell of ST-LN121 and ST-LN125 employs the technology of metal spinning, with few welding lines and attractive appearance.
- The lockable device can be installed to the container lid upon customer's requirement so as to protect biological samples stored (limit for 50mm, 80mm, 125mm and 127mm 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.
- Not suitable for long-distance transportation or frequent pouring.



### Specification of Liquid Nitrogen Tank

Model		ST-LN3551	ST-LN3552	ST-LN3553	ST-LN3554	ST-LN47	ST-LN121	ST-LN125
Capacity (L)		35.5	35.5	35.5	35.5	47.0	121.0	125.0
Empty Weight (kg)		14.5	15.0	15.5	15.7	19.0	45.0	50.0
Full Weight (kg)		43.2	43.7	44.2	44.4	57.0	142.8	151.0
Neck Diameter (mm)		50	80	125	200	127	216	315
Outer Diameter (mm)		473	473	473	473	500	610	610
Height (mm)		670	680	690	675	675	1000	1000
Static Evaporator Loss Mass (L/D)		0.115	0.19	0.306	0.563	0.338	0.953	1.33
Static Holding Time (d)		3.8	187	116	63	139	127	94
Canister Outer Diameter		38	63	97	-	103	107 x 134	103
Canister Height (single/ double) mm		120 / 276	120 / 276	120 / 276	-	120 / 276	403	-
Number of Canister		3 ~ 6	3 ~ 6	3 ~ 6	-	3 ~ 6	6	-
Canister Included		Yes	No	Yes	No	Yes	No	No
Straw Capacity (single level)	0.5ml	132xn	360xn	854xn	-	1117xn	-	-
	0.25ml	298xn	846xn	1992xn	-	2341xn	-	-
Straw Capacity (double level)	0.5ml	24xn	604xn	1508xn	-	1784xn	-	-
	0.25ml	472xn	1446xn	3324xn	-	3934xn	-	-

## Liquid Nitrogen Tank Accessories

### Accessories For Liquid Nitrogen Tank

Model	Description
ST-C430	Cart for liquid nitrogen tank size 30-50L
ST-C520	Cart for liquid nitrogen tank size 100L and above
ST-CAN4	Square canister with 4 shelves and plastic box
ST-CAN5	Square canister with 5 shelves and plastic box
ST-CAN19	Round canister 19mm
ST-CAN26	Round canister 26mm
ST-CAN38	Round canister 38mm
ST-CAN63	Round canister 63mm
ST-CAN94	Round canister 94mm

## Differential Blood Counters ST-DBC-9

- Used in hematology to classify and count white blood cells.
- Outer shell resist corrosion.
- At one hundred increment of the total record, it will ring.
- Reset knob will clear all figures.
- Reading 0~999.
- Dimension (L x W x H): 320 x 80 x 50mm

