

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	-	-