



Liquid Nitrogen Container



Application/Uses

- Cryopreservation of biological samples (vaccines, stem cells, semen, and cell cultures)
- Liquid nitrogen storage and transportation
- Biomedical and biotechnology applications
- Research laboratories
- Hospitals and infertility clinics
- Vacuum engineering applications
- Shrink fitting and industrial applications
- Low-temperature metal analysis

Transport Model

Description	Units	KLM-25	KLM-34	KLM-54
Capacity	Ltrs.	25.7	34.2	50
* Empty Weigh	Kgs.	11.5	14.5	16.5
* Full Weigh	Kgs.	32	42	56.5
Neck Diameter	mm	51	51	51
Outer Diameter	mm	400	460	460
Total Height	mm	685	630	715
Static Evaporation Loss Rate	Ltrs/day	0.25	0.28	0.4
*Static Holding Time	Days	103	122	125
Canister O.D	mm	NA	NA	NA
Canister Height	mm	NA	NA	NA
No. of Canisters	No.	NA	NA	NA
Straw holding Capacity Single Level 0.5ml / 0.25ml	0.5 ml 0.25 ml	NA	NA	NA
Straw holding Capacity Double Level 0.5ml / 0.25ml	0.5 ml 0.25 ml	NA	NA	NA

- *The product specifications may vary due to continuous upgradation in design.*
- *Static evaporation rates are calculated as per ISI standard. Actual loss may vary depending upon field conditions.*

Semen Preservation Model

Description	Units	KL-1.5	KL-3	KL-7	KL-10	KL-21	KL-34	KL-90	KL-120
Capacity	Ltrs.	1.5	4.0	7.9	11.3	21.0	34.2	23.5	47.5
* Empty Weigh	Kgs.	1.8	3.0	5.4	6	11.6	15	11.5	17.5
* Full Weigh	Kgs.	3	6.2	11.7	15.6	28.4	42.4	30.7	55.5
Neck Diameter	mm	32	51	51	51	51	51	90	120
Outer Diameter	mm	175	220	300	300	400	460	460	460
Total Height	mm	375	460	530	575	680	660	450	730
Static Evaporation Loss Rate	Ltrs/day	0.097	0.135	0.13	0.13	0.115	0.115	0.34	0.37
*Static Holding Time	Days	15	30	60	84	182	297	70	128
Canister O.D	mm	17	38	38	38	38	38	68	72
Canister Height	mm	120	120	120/280	120/280	120/280	120/280	120	280
No. of Canisters	No.	3/5	6	6	6	6	6	9	11
Straw holding Capacity Single Level 0.5ml / 0.25ml	0.5 ml 0.25 ml	65/110 150/250	720 1560	720 1560	720 1560	720 1560	720 1560	3285 7380	NA
Straw holding Capacity Double Level 0.5ml / 0.25ml	0.5 ml 0.25 ml	NA	NA	NA	1440 3120	1440 3120	1440 3120	NA	8000 18000

Double Level Canisters available for KL-10, KL-21 & KL-34 at extra cost as per request.

Note: Bottom Rubber Pad & Side Rubber Rings are optional for KL & KLM models and can be provided on request at an additional cost.