

CRYOGENIC LIQUID NITROGEN CONTAINER



LIQUID NITROGEN CONTAINER

Automatic nucleic acid extractor uses magnetic beads separation. Serves dairy organizations, animal husbandries, Cattle breeding farms, infertility clinics for semen Preservation for artificial insemination/ Livestock breeding. Serves pharmaceutical companies for storage of biological Sample for medical research. Utilizer for small quantity transportation of liquid Nitrogen, industrial testing & shrink fitting.

FEATURES

- Double wall vacuum and super insulation provides long term storage of liquid nitrogen.
- Ultra low temperature preservation of biological samples.
- Cryoseal has convenient holding time and capacity.
- Rugged, reliable, efficient & economical in operation with long life.
- High strength aluminium alloy provides sturdiness yet is light weight.

TECHNICAL PARAMETERS

CHARACTERISTICS	UNIT	MODEL				
		BI-1	BI-2	BI-3	BI-7	BI-10
Capacity	litres	1.15	1.75	3.9	7.8	10.5
STATIC VAPORATION LOSS RATE	Litres/day	0.08	0.08	0.135	0.114	0.117
Static hold time	day	14	21	29	68	90
Working time	day	9	13	18	42	56
Total height	In/mm	15.6/ 395	15.4/ 390	15.9/403	19.5/495	22.4/695
Overall diameter	In/mm	6.6/1 68	6.6/1 68	8.9/225	10.2/260	10.2/260
Neck tube diameter	In/mm	1.4/3 4.5	1.4/3 4.5	2/51	2/51	2/51
Empty Weight	lbs/Kgs	4/1.8	4/1.8	6/2.7	9.7/4.4	11/5
Full Weight	lbs/Kgs	6/2.8	7.1/3. 2	13/5.9	23.6/10.7	29.8/13.5
No of Canisters	Pcs	1	5	6	6	6
Canister OD	In/mm	1.1/2	1/25	1.5/38	1.5/38	1.5/38
Canister Height	In/mm	4.7/1	4.7/1 20	4.7/120	4.7/120	4.7/120
						11/280
Straw holding Capacity Single Level 0.25ml 0.5ml	Pcs	150 75	600 290	1560 720	1560 720	1560 720

TECHNICAL PARAMETERS

CHARACTERISTICS	UNIT	STORAGE			TRANSPORTATION	
		BI-20	BI-35	BI-47	BI-30	BI-50
Capacity	litres	20.5	34	47	31.3	50
STATIC VAPORATION LOSS RATE	Litres/day	0.097	0.118	0.37	0.28	0.43
Static hold time	day	211	282	127	112	116
Working time	day	132	180	79	---	---
Total height	In/mm	27.4/695	28.710	27.2/690	22/560	29.1/740
Overall diameter	In/mm	15/380	17/432	19.1/485	17.433	17/433
Neck tube diameter	In/mm	2/51	2/51	4.7/1	2/51	2/51
Empty Weight	lbs/Kgs	24/10.	32/14.5	38.6/17.5	24.9/11.3	32.6/4.8
Full Weight	lbs/Kgs	60.6/27.5	92.5/42	122.4/55.5	80.7/36.6	121.7/55.2
No of Canisters	Pcs	6	6	11	---	---
Canister OD	In/mm	1.5/38	1.5/38	2.8/72	---	---
Canister Height	In/mm	4.7/12	4.7/120	11/280	---	---
		11/280	11/280	---		---
Straw holding Capacity Single Level 0.25ml 0.5ml	Pcs	1560 720	1560 720	---	---	---

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