



## CRYOSEAL: LIQUID NITROGEN CONTAINERS & DEWARs

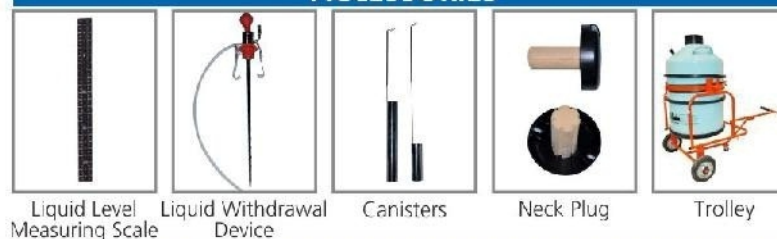
- More than 15 years of experience with around 1,00,000 containers distributed worldwide
- Serves dairy organizations, animal husbandries, cattle breeding farms, infertility clinics for semen preservation for artificial insemination / livestock breeding
- Serves pharmaceutical companies for storage of biological sample for medical research
- Utilized for small quantity transportation of Liquid Nitrogen, industrial testing & shrink fitting

## TECHNICAL SPECIFICATIONS

CHARACTERISTICS	UNIT	PORTABLE				STORAGE				TRANSPORT	
		CT-1***	CT-2	CT-3	CT-7	CT-10	CT-20	CT-35	CT-47	CT-30	CT-50
CAPACITY	liters	1.15	1.75	3.9	7.8	10.5	20.5	34	47	31.3	50
STATIC EVAPORATION LOSS RATE*	liters/day	0.08	0.08	0.135	0.114	0.117	0.097	0.118	0.37	0.28	0.43
STATIC HOLD TIME*	days	14	21	29	68	90	211	282	127	112	116
WORKING TIME**	days	9	13	18	42	56	132	180	79	-	-
TOTAL HEIGHT	in/mm	15.6/395	15.4/390	15.9/403	19.5/495	22.4/570	27.4/695	28/710	27.2/690	22/560	29.1/740
OVERALL DIAMETER	in/mm	6.6/168	6.6/168	8.9/225	10.2/260	10.2/260	15/380	17/432	19.1/485	17.4/33	17/433
NECK TUBE DIAMETER	in/mm	1.4/34.5	1.4/34.5	2/51	2/51	2/51	2/51	2/51	4.7/120	2/51	2/51
EMPTY WEIGHT	lbs/kgs	4/1.8	4/1.8	6/2.7	9.7/4.4	11/5	24/10.9	32/14.5	38.6/17.5	24.9/11.3	32.6/14.8
FULL WEIGHT	lbs/kgs	6/2.8	7.1/3.2	13/5.9	23.6/10.7	29.8/13.5	60.6/27.5	92.5/42	122.4/55.5	80.7/36.6	121.7/55.2
NO OF CANISTERS	pcs	1	5	6	6	6	6	6	11	-	-
CANISTER OD	in/mm	1.1/28	1/25	1.5/38	1.5/38	1.5/38	1.5/38	1.5/38	2.8/72	-	-
CANISTER HEIGHT	in/mm	4.7/120	4.7/120	4.7/120	4.7/120	4.7/120	4.7/120	4.7/120	11/280	-	-
						11/280	11/280	11/280	-	-	-
STRAW HOLDING CAPACITY											
SINGLE LEVEL	0.25 ml	pcs	150	600	1560	1560	1560	1560	1560	-	-
	0.5 ml	pcs	75	290	720	720	720	720	720	-	-
STRAW HOLDING CAPACITY											
DOUBLE LEVEL	0.25 ml	pcs	-	-	-	-	3120	3120	3120	18000	-
	0.5 ml	pcs	-	-	-	-	1440	1440	1440	8000	-

1. Specifications are subject to change without prior notice due to continuous product development/ up gradation 2. Weights are excluding canisters, side rings and bottom pads 3. Protective bottom pad and rubber side rings are provided with IN-30 and IN-50 transport models 4. \*Static evaporation loss rate and static holding time are nominal. Actual rate may be affected by manufacturing tolerances, atmospheric condition and container history. These evaporation rates are specified at standard atmospheric conditions and without containers 5. \*\*Working time specified is equal to static holding time divided by 1.6. Actual working time may vary depending on the frequency of opening and closing the container. 6. \*\*\*Model IDS-1 is dry shipper container

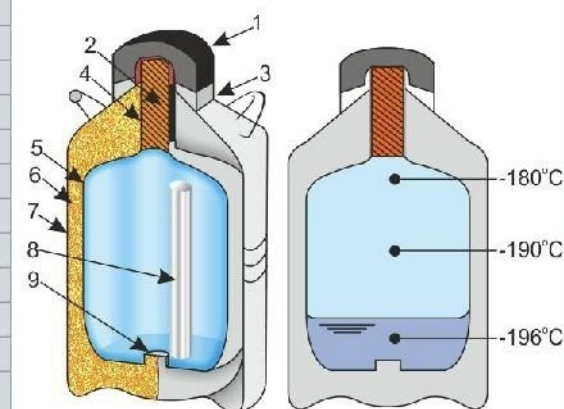
## ACCESSORIES



## 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

## Diagram



1.	Hinged cap
2.	Necktube plug
3.	Slotted numbered index ring
4.	Necktube
5.	Inner container
6.	Super insulation
7.	Outer casing
8.	Canister
9.	Canister support

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