

**CRYOCAN®** a synonym of Liquid Nitrogen Container is used for ultra low temperature preservation of semen for artificial insemination of cattle, storage of biological samples for medical research applications as well as low volume transportation of liquid Nitrogen and is available in wide range of capacities and models.

SPECIFICATIONS		CRYOCAN®														
		BIOLOGICAL											TRANSPORT			
		PORTABLE					STORAGE									
MODEL	UNIT	DS-1	BA1.5	BA2X	BA3	BA7	BA11	BA20	BA23	BA35	BA42	J12	TA1.5	TA26	TA35	TA55
				○					○		○	○				
Capacity LN2	ltrs	0.9	1.5	2.2	3.9	7.9	11.6	20.5	23.5	33.3	41.4	47.3	1.5	25.5	33.3	51.5
Empty Weight	Kgs◇	2.2	2.2	2.1	3.3	5.5	6.5	11.0	11.2	14.6	16.5	15.9	2.2	11.6	14.5	15.0
Full Weight	Kgs◇	2.9	3.4	3.9	6.4	11.9	15.9	27.5	30.2	41.5	49.9	54.1	3.4	32.2	41.4	56.6
Neck Dia	mm	30	30	51	51	51	51	51	90	51	70	120	30	51	51	51
Outer Dia	mm	175	175	175	220	300	300	400	460	460	460	460	175	400	460	460
Total Height	mm	407	407	355	500	556	610	692	445	685	698	700	407	720	640	757
Static Evaporation Loss Rate	ltrs/day	0.097	0.097	0.125	0.15	0.135	0.14	0.118	0.35	0.118	0.21	0.38	0.097	0.25	0.3	0.43
Static Holding Time	days	9	15	18	29	58	83	174	67	282	197	124	15	102	111	120
Canister OD	mm	26	17	38	38	38	38	38	68	38	56	72	26	-	-	-
Canister Height	mm	120	120	120	120	120	120/280	120/280	120	120/280	280	280	120	-	-	-
No. of Canisters	no.	1★	5	6	6	6	6	6	9	6	7	11	1★	-	-	-
Straw Capacity (Single level)	0.5 ml 0.25ml	80 123	110 250	720 1560	720 1560	720 1560	720 1560	720 1560	3285 7380	720 1560	- -	- -	60 123	-	-	-
Straw Capacity (Double level)	0.5 ml 0.25ml	- -	- -	- -	- -	- -	1440 3120	1440 3120	- -	1440 3120	3850 8470	11000 24000	-	-	-	-

★ STATIC EVAPORATION RATE IS CALCULATED AS PER INTERNATIONAL STANDARD. FIELD FACTOR WHICH INFLUENCES THE EVAPORATION LOSS RATE, MAY VARY FROM 1.6 TO 2.0 TIMES OR MORE DEPENDING ON WORKING CONDITIONS. ● THESE SPECIFICATIONS ARE SUBJECT TO REVISION DUE TO CONTINUOUS R&D EFFORTS FOR PRODUCT IMPROVEMENT.

◇ WITH DIPPER OR CANISTER. ◆ WEIGHTS ARE WITHOUT CANISTERS, SIDE RUBBER RINGS AND BOTTOM PAD.

○ ALL MODELS WITH ○ SIGN ARE AVAILABLE WITH SS CAP ONLY. PROTECTIVE BOTTOM PAD AND SIDE RINGS ARE PROVIDED WITH TA-26 AND TA-55 MODELS.

## ACCESSORIES

### TILTING TROLLEY :

Used for moving and decanting transport models.  
(TA26 & TA 55)

### TRANSFER DEVICE :

Used for transferring Liquid Nitrogen from transport models.  
(TA26 & TA 55)

### SS FUNNEL :

SS Funnel with handle is used for transferring Liquid Nitrogen to biological models.



TRANSFER DEVICE

### SS FUNNEL



TILTING TROLLEY



**Indian Oil Corporation (IOC),**  
 IBP Division, Business Group  
 Cryogenics is the largest manufacturer  
 of cryogenic containers in the country.  
 Company has contributed in success of  
 white revolution by manufacturing and  
 supplying lakhs of **CRYOCAN**<sup>®</sup>s.  
 Government Animal Husbandry  
 Departments & Live Stock Development  
 Boards of various states, Milk Producers  
 Unions, National Dairy Development  
 Board, Bhabha Atomic Research  
 Center, Space Application Center,  
 Center for Advanced Technology,  
 Medical Research Institutes, Cancer  
 Research Centers, Infertility Clinics and  
 Engineering Industry are few of our  
 prestigious customers.

IOC, IBP Divn., BG Cryogenics has  
 grown leaps and bounds in Industrial  
 Containers called "**CRYOVESSEL**" to  
 meet the growing demand of Gas  
 Industry, Animal Husbandry, Steel &  
 other industries.

The Company exports cryogenic  
 containers to developed as well as  
 developing countries, world over.

## BULL SEMEN PRESERVATION



## LIQUID NITROGEN TRANSPORTATION

## INFERTILITY CLINICS

## CELL IMMUNOLOGY

## SHRINKFITTING

## SPACE & ATOMIC RESEARCH

## TOOL SURFACE HARDENING

## VACCINE PRESERVATION

## LOW TEMPERATURE METAL ANALYSIS

