Cryoseal Liquid Nitrogen Containers

- Cryoseal Liquid Nitrogen Containers
- Inquiry

Cryoseals are used for ultra low temperature preservation of biological samples in laboratory or field for Artificial Insemination. application as well as industrial uses of small quantity of liquid nitrogen. Double wall vacuum and super insulation provides long term storage of liquid nitrogen and hence ultra low temperature inside the container

Cryoseals offer extremely low evaporation losses and hence provide an economical solution.

Special insulation materials and cryogenic neck ensure long field working duration before refilling liquid nitrogen. High strength aluminium alloy provides lighter but sturdy 'Cryoseal'

		IDS-1	IX-2	IR-3	IR-7	IR-10	IX-20	IX-35	IX-47	IN-30	IN-50
Capacity	Itrs	1.15	1.75	3.9	7.8	10.5	20.5	34	47	31.3	50
Static Evaporation Loss Rate*	Itrs/day	0.08	0.08	0.135	0.114	0.117	0.097	0.118	0.37	0.28	0.43
Static Holding 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	mm	395	390	403	495	570	695	710	690	560	740
Overall Diameter	mm	168	168	225	260	260	380	432	485	433	433
Neck Tube Diameter	mm	34.5	34.5	51	51	51	51	51	120	51	51
Empty Weight	kgs	1.8	1.8	2.7	4.4	5	10.9	14.5	17.5	11.3	14.8
Full Weight	kgs	2.8	3.2	5.9	10.7	13.5	27.5	42	55.5	36.6	55.2
No. of Canisters	pcs	1	5	6	6	6	6	6	11	-	-
Canister OD	mm	28	25	38	38	38	38	38	72	-	-
Canister Height	mm	120	120	120	120	120/280	120/280	120/280	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	-	-

* 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 canisters.

** 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.

Weights are without canisters, side rings and bottom pad

Protective bottom pad and rubber side rings are provided with IN-30 and IN-50 models

* We Reserve the right to make improvements in design and changes in specifications without notice.

General Information

Your Name : *

Company name : *

Address :

City :

Zip Code :

Country : Select Country *

Phone no : *

Email : *

Technical Information

Gross capacity : Select Gross Unit

Pressure : Select Pressure Unit

Quantity :

Service : Select Service

Configuration : Select Configuration

Design code/certification : Select Design code/Certification

Pump connection : Select Pump Connection

Applications	:	
Requirement	:	Select Requirement
Purchase decision	:	Select Purchase Decision
Required delivery period	:	(weeks from PO date)
Country of installation/use	:	
Nearest airport	:	
Nearest seaport	:	
Notes	:	
Security Code	:	*

Submit Reset

If you are interested in any other Product, please click one of the following links!

* These are general feature and are liable to change on subsequent revision and updation without prior notice.

Product Profile
Industrial Gas

- Standard Products
- Engineered Products
- Scientific Projects
- OEM & Other Products

Oil & Gas
LNG System

Click for
Corporate Video

© 2011 INOX India Ltd. All Rights Reserved