



# Advance Biotech Solutions India Pvt. Ltd.

(Advance Technologies, Effective Solutions)



(An ISO 9001:2015 Certified Company)



# CRYO ★ ADVANCE

## LIQUID NITROGEN CONTAINER

**ABSIPL IS A MARKET LEADER IN REFRIGERATION & COOLING TECHNOLOGY. ABSIPL REPRESENTING MARKET WITH WIDEST RANGE OF LN<sub>2</sub> CONTAINER BY THEIR OEM MANUFACTURED SYSTEM. THIS PRODUCT IS DESIGNED TO STORE BLOOD PLASMA, BIOLOGICAL MATERIALS. APPLICATIONS COULD BE FOUND IN THE CHEMICAL LABORATORIES EPIDEMIC PREVENTION, HOSPITALS, ANIMAL HUSBANDRY AREAS, BLOOD BANKS AND RESEARCH INSTITUTES.**

**WE ABSIPL MAKES LIQUID NITROGEN CONTAINER BRAND CRYO \* ADVANCE MODEL CRYO KING SERIES FOR STORAGE OF CRYO GENIC SAMPLE FOR LONG PRESERVATION.**

**CRYO KING SERIES LIQUID NITROGEN CONTAINER COMBINED WITH THE ADVANTAGES OF LITTLE NITROGEN CONSUMPTION AND MEDIUM RANGE STORAGE CAPACITY, MEETING DIFFERENT NEEDS OF PROFESSIONALS ALL OVER THE WORLD.**

**THIS KIND OF CONTAINER PROVIDES HIGH EFFICIENCY OF LARGE CAPACITY SAMPLE CRYOPRESERVATION WITH LIGHT WEIGHT AND SMALL SPACE OCCUPYING. ALL MODELS INCLUDE RACKS, PC CRYO BOXES AND LOCKABLE LIDS.**



## **Key Features**

- Equip with racks and box
- Dual-lock construction
- Durable aluminium construction
- Larger storage capacity, less liquid nitrogen consumption
- Compatible with all major storage box brands
- Liquid level monitoring system optional
- Mobile roller bases optional
- 5 year vacuum warranty

## ***Real-time Liquid Level Monitoring System***

Liquid level monitoring system continuously monitors the temperature inside the container. The liquid level monitoring system matches all Cryo King models, optimal choice for long time monitoring of samples storage. It realizes reminding users to add liquid nitrogen timely too. There are Cryo monitor 1000/2000 models.

### ***Cryo monitor 1000 liquid level monitor***

This system with real-time temperature display:

1. High/low temperature alarm
2. Sensor fault audible and visual alarm



## ***Ultra Low-power Consumption Liquid Level Monitoring System***

Data collected by Smart Sensor, and then transferred to cloud storage by Black Box. Users only have to log on Cold Cloud to query and download data. This system is the latest monitoring product easy installation and accurate data.



### ***Cryomonitor 2000 Automatically Filling System***

It is very useful to fill liquid nitrogen automatically for long time sample storage. Cryomonitor 2000 constantly monitors temperature inside the container, controlling liquid filling solenoid valve open and close, supplying liquid nitrogen timely.

## Specification

Model	UNIT	CSA-CK600	CSA-CK750	CSA-CK900	CSA-CK2000	CSA-CK2400
<b>Capacity</b>	L	30.0	33.3	50.0	65.0	65.0
<b>Empty Weight</b>	KG	13.1	14.6	18.2	30.0	39.0
<b>Neck Diameter</b>	MM	125	125	127	216	216
<b>Outer Diameter</b>	MM	464	464	508	678	678
<b>Height</b>	MM	608	627	718	737	737
<b>Static Evaporation Loss Mass</b>	L/D	0.33	0.36	0.36	0.78	0.78
<b>Static Holding Time</b>	DAYS	90	97	130	83	83
<b>Number of Racks</b>		6	6	6	5	6
<b>Number of boxes per Rack</b>		4	5	6	4	4
<b>Measurement of Racks</b>	MM	82x 84	82x 84	82x 84	142x144	142x144
<b>Measurement of Boxes</b>	N	76x 76	76x 76	76x 76	134x134	134x134
<b>Number of vials</b>	2.0ML	600	750	900	2000	2400

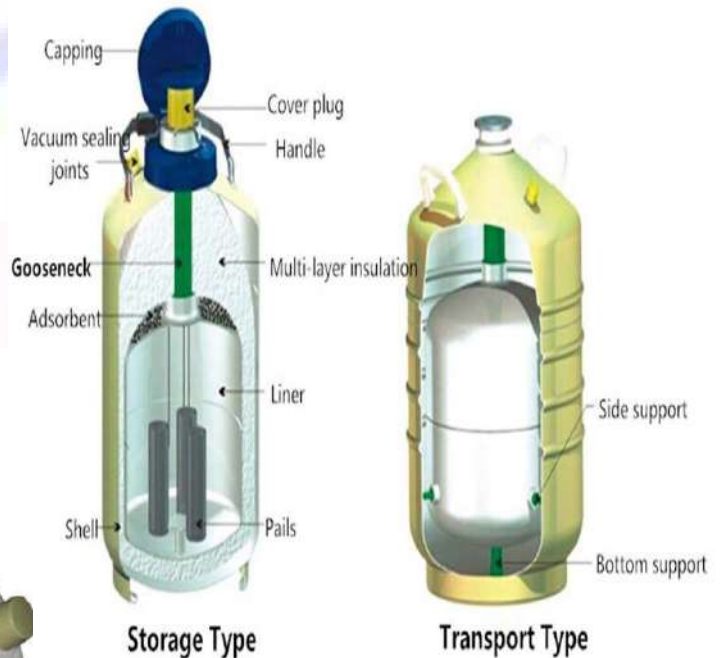
Model	UNIT	CSA-CK3000	CSA-CK3600	CSA-CK4000	CSA-CK4800	CSA-CK6000
<b>Capacity</b>	L	95.0	115.0	115.0	140.0	175.0
<b>Empty Weight</b>	KG	42.0	43.5	45.0	45.0	54.0
<b>Neck Diameter</b>	MM	216	216	216	216	216
<b>Outer Diameter</b>	MM	678	678	575	575	678
<b>Height</b>	MM	795	860	1050	1050	1130
<b>Static Evaporation Loss Mass</b>	L/D	0.95	0.95	0.95	0.95	0.95
<b>Static Holding Time</b>	DAYS	100	121	121	147	184
<b>Number of Racks</b>		5	6	10	6	6
<b>Number of Boxes per Rack</b>		6	6	4	8	10
<b>Measurement of Racks</b>	MM	142x144	142x144	142x144	142x144	142x144
<b>Measurement of Boxes</b>	N	134x134	134x134	134x134	134x134	134x134
<b>Number of Vials</b>	2.0ML	3000	3600	4000	4800	6000

**CRYO QUEEN SERIES (DRY SHIPPER) ARE ECONOMICAL SMALL AND MEDIUM SIZE LIQUID NITROGEN CONTAINERS FOR LONG TERM STATIC STATE STORAGE. CRYO QUEEN SERIES ARE MADE OF HIGH STRENGTH AND LIGHTWEIGHT ALUMINIUM ALLOY. THERE IS MULTILAYER SUPERIOR PERFORMANCE THERMAL INSULATION INSIDE.**

**VARIOUS ACCESSORIES ARE OPTIONAL. MAINLY APPLY TO ANIMAL HUSBANDRY AND LABORATORIES.**

## ***Key Features***

- High strength and light weight aluminium construction
- Ultra low evaporation losses
- Numbered index location points for canisters
- Mobile roller base optional
- Lockable lid
- Straw storage
- LN<sub>2</sub> pump optional
- 5 years vacuum warranty



## Specification

Model	CSA-CQ3	CSA-CQ5	CSA-CQ10	CSA-CQ15	CSA-CQ25	CSA-CQ30	CSA-CQ50
Capacity	3.0	5.0	10.0	15.0	20.0	30	50
Empty Weight	3.1	4.8	5.0	5.5	5.5	6.0	10.0
Neck Diameter	50	50	50	50	50	50	50
Outer Diameter	223	300	300	396	396	396	508
Height	425	482	552	591	700	672	746
Static Evaporation Loss Mass	0.11	0.11	0.11	0.11	0.11	0.11	0.23
Static Holding Time	26	52	86	135	168	286	213
Canister Outer Diameter	38	38	38	38	38	38	38
Canister Height	120	120	120	120	120	120	120/276
Number of Canister	6	6	6	6	6	6	6





## **ADVANCE BIOTECH SOLUTIONS INDIA PRIVATE LIMITED**

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