

DS series for the safe transport of material in cryogenic nitrogen

The aluminum containers of the DS series from the Auguste Cryogenics Medical Family are cryogenic freezer containers specially designed for the transport of biogenic material in liquid nitrogen.

The special material inside the container absorbs the liquid nitrogen and allows safe transport without the risk of spilling, while the valuable material remains safely cooled at the lowest possible temperature.

The containers of the DS series can easily be transported on all routes, even by plane.



The containers of the Auguste Cryogenics Medical Family are particularly characterized by:

- high portability thanks to their light weight and compact dimensions
- long holding times, resulting in high economic efficiency
- large capacity of straws
- Design and quality according to Auguste Cryogenics' standards

The vacuum-insulated, double-walled aluminum containers of the Medical Family are therefore ideally suited for use in medical institutes, biological laboratories, institutes for artificial insemination and pharmaceutical facilities.

Since the containers are open to the atmosphere, they are NOT pressure tanks according to the Pressure Equipment Directive 97/23 EG.

All containers from the Auguste Cryogenics Medical Family DS series are transportable and have ADR approval. The transport of filled containers on public roads and railways is only permitted according to the requirements of the current GGVSEB/ADR/RID.

The containers are not intended for applications with patient contact and may only be operated and serviced by trained personnel.



CONTACTS

We can provide you with a solution for every aspect of your cryogenic liquefied gas storage needs – please do not hesitate to contact the specialists in our sales team.

www.augustecryogenics.com



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Auguste Cryogenics

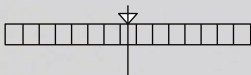
PRODUCT

DS series for the safe transport of biological material while stored under cryogenic conditions

Medical Family Aluminum Vessels



More information | www.augustecryogenics.com

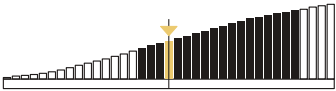


AC MEDICAL FAMILY

DS series

Cryogenic storage containers for the safe transport of biological material in liquid nitrogen

Static holding time (days)



18 - 37 days max.

LN2 CAPACITY



1.3 – 9.0 l

Model	Absorbable LN2 capacity (l)	Empty weight (kg)	Outer diameter (mm)	Overall height (mm)	Neck opening (mm)	Static evapora- tion rate (l/day)	Static holding time (days)	Effective Shelf Life	Number of canisters	Canister diameter (mm)	Canister height available		Number of racks
AC DS3	1.3	4.6	223	502	50	0.17	20	8	1	38	x	x	
AC DS8	3.8	7.3	300	513	80	0.23	35	22	1	63	x		
AC DS10	3.4	8.9	300	623	125	0.43	23	8	1	97	x	x	
AC DS12	6.8	8.5	300	630	80		35	25	1	70	x	x	
AC DS10-B	3.4	8.9	300	623	125	0.43	23	10					1
AC DS15-B	6.0	14.8	393	580	216	0.84	18	4					1
AC DS25-B	9.0	16.6	394	716	216	0.89	29	10					1

Model	Dimensions of vial racks (mm)	Dimensions of vial boxes (mm)	Level per vial rack	Vials 1.2/1.8/ 2.0 ml	25 ml blood bag racks (multi)	Levels per 25 ml blood bags (multi)	Boxes per level 25 ml (multi)	25 ml blood bags (multi)	50 ml blood bag racks (multi)	Levels per 50 ml blood bags (multi)	Boxes per level 50 ml (multi)	50 ml blood bags (multi)
AC DS3												
AC DS8												
AC DS10												
AC DS12												
AC DS10-B	82 x 84	76 x 76	4	100	1	1	3	3	1	1	3	3
AC DS15-B	142 x 144	134 x 134	3	300	1	1	15	15	11	3	15	15
AC DS25-B	142 x 144	134 x 134	5	500	1	3	15	45	1	2	15	30

Optionally available: Auguste Cryogenics DS series Dryshipper Cases

The lightweight dryshipper cases for the Auguste Cryogenics DS series offer extra protection and easy handling. The cases are designed and produced to the highest standards. The edges and corners are equipped with extra-sturdy aluminum profiles to protect the valuable contents even in rough conditions.

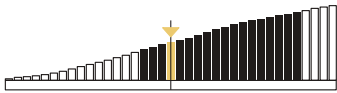
Securely transport the Auguste Cryogenics DS series aluminum containers by road, rail, ship or even plane with Auguste Cryogenics DS Dryshipper Cases..

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AC DS3	1.3	4.6	223	502	50	0.17	20	8	1	38	x	x	
AC DS8	3.8	7.3	300	513	80	0.23	35	22	1	63	x		
AC DS10	3.4	8.9	300	623	125	0.43	23	8	1	97	x	x	
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