

# Auguste Cryogenics Medical Family Aluminum Vessels



## 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 low 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.**



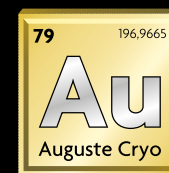
# Auguste Cryogenics

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# AC Medical Family DS-Series

Cryogenic storage containers for the safe transport of material in cryogenic nitrogen



# Auguste Cryogenics

Model	LN2 Capacity (l)	Empty weight (kg)	Outer diameter (mm)	Overall height (mm)	Neck diameter (mm)	Static evaporation rate (l/day)*	Static holding time (days)*	Number of canisters	Canister diameter (mm)	Canister height (mm)	Straw capacity 0.25 ml	Straw capacity 0.5 ml	ADR
AC DS3-L	1,3	3,2	223	502	50	0,17	20	1	38	276	472	214	yes
AC DS3-S	1,3	3,2	223	435	50	0,17	20	1	38	120	298	132	yes
AC DS6-S	2,9	4,9	300	495	80	0,21	37	1	63	120	837	374	yes
AC DS8-S	3,2	6,2	300	513	80	0,23	35	1	63	120	837	374	yes
AC DS10-L	3,4	6,7	300	623	125	0,43	23	1	97	276	3324	854	yes
AC DS10-S	3,4	6,7	300	623	125	0,43	23	1	97	120	1940	854	yes
AC DS12-L	4,2	7,5	300	630	80	0,33	25	1	71	276	1566	671	yes

Model	LN2 Capacity (l)	Empty weight (kg)	Outer diameter (mm)	Overall height (mm)	Neck opening (mm)	Static evaporation rate (l/day)*	Static holding time (days)*	Number of racks	Rack dimensions (mm)	Dimensions of the cryo boxes (mm)	Levels per rack	Number of vials 1.2/1.8/2.0 ml	25 ml blood bag racks (multi)	Levels per 25 ml blood bag rack (multi)	Boxes per level 25 ml (multi)	25 ml blood bags (multi)	50 ml blood bag racks (multi)	Levels per 50 ml blood bag rack (multi)	Boxes per level 50 ml (multi)	50 ml blood bags (multi)	ADR
AC DS10-B	3,4	6,7	300	623	125	0,43	23	1	82x84	76x76	4	100	1	1	3	3	1	1	3	3	yes
AC DS15-B	6,5	8,5	393	580	216	0,84	18	1	142x144	134x134	3	300	1	1	15	15	11	3	15	15	yes
AC DS25-B	9,0	15,0	394	716	216	0,89	29	1	142x144	134x134	5	500	1	3	15	45	1	2	15	30	yes

\* The stated values are nominal values that were determined without storage system equipment and under precisely defined conditions. Depending on the operating conditions and the storage system equipment used, the actual values may vary considerably.

## 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.

