

LIN series for the storage and distribution of liquid nitrogen

The LIN series containers from the Auguste Cryogenics Medical Family are special containers for the transportation and distribution of liquid nitrogen. The containers with a volume of between 3 and 100 liters are not stationary and are easy to handle – for the convenient distribution of small quantities of cryogenic liquid nitrogen in laboratory, industrial and resupply applications.

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

- good portability thanks to light weight and compact dimensions
- long holding times and thus high economic efficiency
- wide range of available capacities for every need
- design and quality according to Auguste Cryogenics specifications
- optionally available withdrawal device for easy and economical distribution of liquid nitrogen

The containers of the Auguste Cryogenics Medical Family aluminum series are open to the atmosphere and NOT considered pressure vessels according to the Pressure Equipment Directive 97/23EG.

Specifically the containers can generally be moved on public roads and railroad lines if they are marked accordingly, whereby the requirements of the current GGVSEB/ADR/RID must always be observed.

For regular transport, Auguste Cryogenics offers specially reinforced versions with the suffix "T" designation, which have been optimized for the external forces that occur during transport. T-models, as well as the 3, 6 and 10 liter containers, are provided by Auguste Cryogenics ex works with corresponding ADR-compliant markings.

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.

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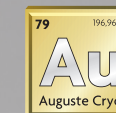


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**Auguste
Cryogenics**

PRODUCT

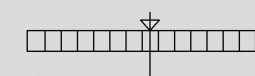
**Medical Family Aluminum Vessels
for liquid nitrogen storage and distribution**

LIN SERIES



More information

www.augustecryogenics.com



AC Medical Family

LIN Series

Cryogenic storage containers for the storage and distribution of liquid nitrogen



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)
AC LIN3	3.0	3.1	223	435	50	0.12	26
AC LIN6	6.0	4.8	300	482	50	0.12	86
AC LIN10	10.0	6.1	300	545	50	0.12	86
AC LIN12	12.0	6.3	310	605	50	0.12	93
AC LIN13	13.0	6.3	310	627	50	0.12	109
AC LIN20	20.0	9.5	394	673	50	0.12	168
AC LIN20T	20.0	10.9	394	673	50	0.20	101
AC LIN25	25.0	10.7	394	705	50	0.14	175
AC LIN30	30.0	12.9	462	705	50	0.12	254
AC LIN30T	30.0	13.1	462	705	50	0.20	185
AC LIN35	35.0	14.2	462	749	50	0.12	286
AC LIN35T	35.0	14.2	462	749	50	0.20	210
AC LIN50T	50.0	17.2	462	810	50	0.22	213
AC LIN60T	60.0	20.0	462	950	50	0.24	225
AC LIN100T*	100.0	37.0	508	1025	50	0.35	232

* Despite reinforcement and „T“ designation, the LIN100T container cannot be recommended for regular transport, especially on/in vehicles. In particular the loads occurring in a filled container are considerable due to the substantial weight of the contents.

Note: The containers may only be operated with a maximum of 0.5 bar in Europe!

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

Optionally available: The AC Liquid Withdrawal Device

The vessels from the Auguste Cryogenics Medical Family LIN Series can optionally be equipped with the AC Liquid Withdrawal Device (LWD). The withdrawal device allows for the easy withdrawal of liquid nitrogen under pressure from the AC Medical Family containers. The device is attached directly to the dewar flange.

Flow rates of up to 4 liters per minute are possible at a working pressure of up to 0.5 bar*. The liquid can be

withdrawn directly from LWD spoud assembly or with a standard cryogenic hose that is connected to the liquid valve.

The dewar can be filled with the LWD installed. With this filling method, the liquid is filled into the dewar by means of a slight overpressure through the LWD, whereby the pressure in the dewar can be kept sufficient for subsequent liquid withdrawal by choking at the vent valve.



For more information
on the AC Liquid Withdrawal
Device please contact us.