

2XL-B | 3XL-B series for the cryogenic storage of samples in racks

The aluminum vessels of the the 2XL-B | 3XL-B series from the Auguste Cryogenics Medical Family are cryogenic freezer containers for long-term storage of biogenic sample material in liquid nitrogen - with many possible applications in laboratories and technology. The vessels in this series are equipped with stainless steel racks for storing of samples in vial boxes and freezer bags.



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 sample storage (vials and/or freezer bags)
- 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.

Several containers from the Auguste Cryogenics Medical Family are transportable and have ADR approval. The transport of the filled containers on public roads and railways is only permitted according to the requirements of the current GGVSE-B/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 sale team.

www.augustecryogenics.com



+49 4841 985120

cs.de@augustecryogenics.com

ADDRESS

Auguste Cryogenics Germany GmbH
Mildstedter Landstraße 1 | 25866 Mildstedt | Germany



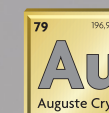
+421 55 7277124

cs.eu@augustecryogenics.com

ADDRESS

Auguste Cryogenics Slovakia s.r.o.
Vstupný areál U. S. Steel | 044 54 Košice | Slovakia

Medical Family Aluminum Vessels



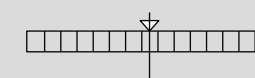
**Auguste
Cryogenics**

PRODUCT

**2XL-B and 3XL-B series
to securely hold racks**

More information

www.augustecryogenics.com

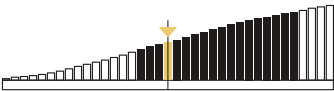


AC MEDICAL FAMILY

2XL-B | 3XL-B series

Cryogenic storage containers with racks for the storage of vial boxes and freezer bags

Static holding time (days)



23 - 184 days max.

LN2 CAPACITY



10 – 175 l

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	Dimensions of vial racks (mm)	Dimensions of vial boxes (mm)
AC 2XL10-B	10.0	6.3	300	623	125	0.43	23	1	82x84	76x76
AC 2XL30-B	31.5	13.0	462	768	125	0.35	90	6	82x84	76x76
AC 2XL35-B	35.5	14.6	462	758	125	0.36	97	6	82x84	76x76
AC 2XL47-B	47.0	18.2	508	770	127	0.36	130	6	105x100	98 mm round
AC 2XL50T-B	50.0	17.3	462	830	125	0.45	110	6	82x84	76x76
AC 3XL65-B	65.0	38.3	681	729	216	0.89	73	6	142x144	134x134
AC 3XL95-B	95.0	41.3	681	774	216	0.97	98	6	142x144	134x134
AC 3XL115-B	115.0	42.3	681	846	216	0.94	122	6	142x144	134x134
AC 3XL145-B	145.0	48.9	681	973	216	0.96	151	6	142x144	134x134
AC 3XL175-B	175.0	53.8	681	1078	216	0.95	184	6	142x144	134x134
AC 3XL175-B50	175.0	53.8	681	1078	216	0.95	184	6	142x139	131x131

Model	Levels per vial rack	Vials 1.2/1.8/2.0 ml	50 ml blood bag racks (multi)	blood bags (multi) Levels per 50 ml	Boxes per level 50 ml (multi)	50 ml blood bags (multi)	25 ml blood bag racks (multi)	blood bags (multi) Levels per 25 ml	Boxes per level 25ml (multi)	25 ml blood bags (multi)
AC 2XL10-B	4	100								
AC 2XL25-B	5	125								
AC 2XL30-B	4	600					6	2	4	42
AC 2XL35-B	5	750					6	2	4	42
AC 2XL47-B	5	1110								
AC 2XL50T-B		900								
AC 3XL65-B	4	2400	6	2	8	96	6	2	10	120
AC 3XL95-B	5	3000	6	2	8	96	6	2	10	120
AC 3XL115-B	6	3600	6	3		144	6	3	10	180
AC 3XL145-B	8	4800	6	4	8	192	6	4	10	240
AC 3XL175-B	10	6000	6	5	8	240	6	5	10	300
AC 3XL175-B50			6	3	14	252				

* 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.