

Auguste Cryogenics Medical Family Aluminum Vessels

L | XL | XL + | 2XL series

for the cryogenic storage of samples in canisters

The aluminum vessels of the L | XL | XL+ | 2XL -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 canisters available in two lengths for storing sterilized straws.

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.

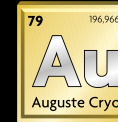
Since the containers are open to the atmosphere, they are NOT pressure tanks according to the Pressure Equipment Directive 97/23 EG.

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 GGVSEB/ADR/RID.**



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

AC Medical Family cryo storage containers with canisters for the storage of sterilized straws



Auguste Cryogenics

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

Model	LN2 Capacity (l)	Empty weight (kg)	Outer diameter (mm)	Overall height (mm)	Neck opening (mm)	Static evaporation rate (l/day)*	Static hold time (days)*	Number of canisters	Canister diameter (mm)	Canister height (mm)	Straw capacity 0.25 ml	Straw capacity 0.5 ml	ADR
AC L2-S (1)	2	2,8	223	407	30	0,07	28	3	19	120	204	90	yes
AC L2-S (2)	2	2,6	204	425	35	0,08	24	3	25	120	330	165	yes
AC L3	3	3,1	223	438	50	0,12	26						yes
AC L3-S	3	3,1	223	438	50	0,12	26	6	38	120	1788	792	yes
AC L6	6	4,8	300	496	50	0,12	52						yes
AC L6-S	6	4,8	300	496	50	0,12	52	6	38	120	1788	792	yes
AC L10	10	6,1	300	552	50	0,12	86						yes
AC L10-S	10	6,1	300	552	50	0,12	86	6	38	120	1788	792	yes
AC L13	13	6,3	310	627	50	0,12	109						no
AC L13-L	13	6,3	310	627	50	0,12	109	6	38	276	2832	1284	no
AC L13-S	13	6,3	310	627	50	0,12	109	6	38	120	1788	792	no
AC L15	16	8,5	394	591	50	0,12	134						no
AC L15-S	16	8,5	394	600	50	0,12	134	6	38	120	1788	792	no
AC L20	20	9,5	394	675	50	0,12	168						no
AC L20-L	20	9,5	394	675	50	0,12	168	6	38	120	2832	1284	no
AC L20-S	20	9,5	394	675	50	0,12	168	6	38	120	1788	792	no
AC L20T	20	10,2	394	677	50	0,2	101						yes
AC L20T-L	20	9,6	394	677	50	0,2	101	6	38	276	2832	1284	yes
AC L20T-S	20	9,5	394	677	50	0,2	101	6	38	120	1788	792	yes
AC L25	25	10,7	705	700	50	0,14	175						no
AC L25-L	25	10,7	394	705	50	0,14	175	6	38	276	2832	1284	
AC L25-S	25	10,7	394	705	50	0,14	175	6	38	120	1788	792	no
AC L30	31,5	12,9	462	712	50	0,12	254						no
AC L30-L	31,5	12,9	462	712	50	0,12	254	6	38	276	2832	1284	no
AC L30-S	31,5	12,9	462	712	50	0,12	254	6	38	120	1788	792	no
AC L30T	31,5	13,0	462	765	50	0,2	159						no
AC L30T-L	31,5	12,9	462	765	50	0,2	159	6	38	276	2832	1284	yes
AC L30T-S	31,5	13,0	462	765	50	0,2	159	6	38	120	1788	792	yes
AC L35	35,5	14,2	462	755	50	0,12	286						no
AC L35-L	35,5	14,2	462	749	50	0,12	286	6	38	276	2832	1284	no
AC L35-S	35,5	14,2	462	770	50	0,12	286	6	38	120	1788	792	no
AC L35T	35,5	14,9	462	757	50	0,2	179						yes
AC L35T-L	35,5	14,9	462	757	50	0,2	179	6	38	276	2832	1284	yes
AC L35T-S	35,5	14,9	462	757	50	0,2	179	6	38	120	1788	792	yes
AC L50T	50	16,7	462	825	50	0,24	209						yes
AC L50T-L	50	17,2	462	825	50	0,24	209	6	38	276	2932	1284	yes
AC L50T-S	50	17,2	462	825	50	0,24	209	6	38	120	1788	792	yes
AC XL10	10	6,2	300	562	80	0,21	48						yes
AC XL10-S	10	6,2	300	562	80	0,21	48	6	63	120	5022	2244	yes
AC XL15	15	8,6	394	593	80	0,21	71						no
AC XL15-L	15	8,6	394	593	80	0,21	71	6	38	276	8466	3624	no
AC XL15-S	15	8,6	394	593	80	0,21	71	6	63	120	5022	2244	no
AC XL20	20	9,6	394	678	80	0,21	95						no

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AC XL20-L	20	9,6	394	678	80	0,21	95	6	63	276	8460	3624	no
AC XL20-S	20	9,6	394	678	80	0,21	95	6	63	120	5022	2244	no
AC XL25	25	10,8	394	720	80	0,21	119						no
AC XL25-L	25	10,8	394	720	80	0,21	119	6	63	276	8460	3624	no
AC XL25-S	25	10,8	394	720	80	0,21	119	6	63	120	5022	2244	no
AC XL30	31,5	13,0	462	717	80	0,21	147						no
AC XL30-L	31,5	13,0	462	717	80	0,21	147	6	63	276	8460	3624	no
AC XL30-S	31,5	13,0	462	717	80	0,21	147	6	63	120	5022	2244	no
AC XL30T	31,5	13,0	462	777	80	0,3	106						yes
AC XL30T-S	31,5	13,0	462	777	80	0,3	106	6	63	120	5022	2244	yes
AC XL35	35,5	14,5	462	763	80	0,22	159						no
AC XL35-L	35,5	14,5	462	758	80	0,22	159	6	38	276	8460	3624	no
AC XL35-S	35,5	14,5	462	763	80	0,22	159	6	63	120	5022	2244	no
AC XL35T	35,5	15,2	462	763	80	0,3	119						yes
AC XL35T-L	35,5	15,2	462	758	80	0,3	119	6	63	276	8460	3624	yes
AC XL35T-S	35,5	15,2	462	758	80	0,3	119	6	63	120	5022	2244	yes
AC XL50T	50	17,0	462	830	80	0,34	147						yes
AC XL50T-L	50	17,5	462	830	80	0,34	147	6	63	276	8460	3624	yes
AC XL50T-S	50	17,5	462	830	80	0,34	147	6	63	120	5022	2244	yes
AC XL+10-S	10,0	6,2	300	623	91	0,23	44	6	70	120	5580	2493	no
AC XL+10T-S	10,0	6,2	300	623	91	0,32	31	6	70	120	5580	2493	no
AC XL+15-S	15,0	8,6	394	593	91	0,23	65	6	70	120	5580	2493	no
AC XL+20-S	20,0	9,6	394	678	91	0,23	86	6	70	120	5580	2493	no
AC XL+20T-S	20,0	9,6	394	678	91	0,33	61	6			5580	2493	no
AC XL+30-L	31,5	13,0	462	717	91	0,23	136	6	70	276	9400	4026	no
AC XL+30T-L	31,5	13,5	462	717	91	0,33	96	6	70	276	9400	4026	no
AC XL+35-L	35,0	15,5	462	758	91	0,23	152	6	70	276	9400	4026	no
AC XL+35T-L	35,0	16,0	462	758	91	0,33	108	6	70	276	9400	4026	no
AC 2XL5	5	4,8	300	482	125	0,63	8						yes
AC 2XL10	10	6,3	300	623	125	0,43	23						yes
AC 2XL25	25	9,7	394	700	125	0,37	67						no
AC 2XL30	31,5	13,0	462	768	125	0,35	90						no
AC 2XL30-L	31,5	13,0	462	768	125	0,35	90	6	97	276	19944	9048	no
AC 2XL30-S	31,5	13,0	462	768	125	0,35	90	6	97	120	11640	5124	no
AC 2XL35	35,5	14,6	462	758	125	0,37	97						no
AC 2XL35-L	35,5	14,6	462	758	125	0,37	97	6	97	276	19944	9048	no
AC 2XL35-S	35,5	14,6	462	758	125	0,37	97	6	97	120	11952	5124	no
AC 2XL+35-L (10)	35,5	14,6	462	748	127	0,37	97	10	71	276	12500	6250	no
AC 2XL47	47	18,2	508	770	127	0,36	130						no
AC 2XL47 (10)	47	18,2	508	770	127	0,36	130	10	72	276	16400	8200	no
AC 2XL47-L	47	18,2	508	770	127	0,36	130	6	104	276	23604	10704	no
AC 2XL47-S	47	18,2	508	770	127	0,36	130	6	104	120	14070	6714	no
AC 2XL50T	50	17,3	462	830	125	0,45	110						yes