

Item	Cassette-inner dimensions (mm)	Bag type reconfirm with manufacturer	Total bag capacity ①	Type of construction	Fits into Container	SY-LAB Cat.no.	no. of racks	Storage in layers	Cat.no. of cassette	Color cassette
1	91 x 79 x 10	Pall 25	1120	economic	10K	12-107025	28	8	-	no cassettes
2	91 x 79 x 10	Pall 25	1120	economic	10K	12-107026	28	8	12-201008	dark green
3	91 x 79 x 10	Pall 25	2720	economic	24 K	12-247026	68	8	12-201008	dark green
4	91 x 79 x 10	Pall 25	4400	economic	38 K	12-387026	110	8	12-201008	dark green
5	91 x 79 x 10	Pall 25	4480	economic	LABS 40	12-407026	112	8	12-201008	dark green
6	91 x 79 x 10	Pall 25	8600	economic	LABS 80	12-807026	215	8	12-201008	dark green
7	143 x 77 x 15	R9951	100	twin frame	3K	12-030050	10	5	12-201007	yellow
8	143 x 77 x 15	R9951	120	economic	3K	12-035050	8	3	12-201007	yellow
9	143 x 77 x 15	R9951	384	twin frame	10K	12-100050	24	8	12-201007	yellow
10	143 x 77 x 15	R9951	440	economic	10K	12-105050	22	4	12-201007	yellow
11	143 x 77 x 15	R9951	896	twin frame	24K	12-240050	56	8	12-201007	yellow
12	143 x 77 x 15	R9951	1080	economic	24K	12-245050	54	4	12-201007	yellow
13	143 x 77 x 15	R9951	1680	economic	38K	12-385050	84	4	12-201007	yellow
14	143 x 77 x 15	R9951	1100	economic	LABS 20	12-205050	44	5	12-201007	yellow
15	143 x 77 x 15	R9951	2300	economic	LABS 40	12-405050	92	5	12-201007	yellow
16	143 x 77 x 15	R9951	4325	economic	LABS 80	12-805050	174	5	12-201007	yellow
17	210 x 103 x 15	DF-170	48	twin frame	3K	12-031170	6	4	12-201005	purple
18	210 x 103 x 15	DF-170	70	economic	3K	12-036170	7	2	12-201005	purple
19	210 x 103 x 15	DF-170	192	twin frame	10K	12-101170	16	6	12-201005	purple
20	210 x 103 x 15	DF-170	240	economic	10K	12-106170	16	3	12-201005	purple
21	210 x 103 x 15	DF-170	480	twin frame	24K	12-241170	40	6	12-201005	purple
22	210 x 103 x 15	DF-170	600	economic	24K	12-246170	40	3	12-201005	purple
23	210 x 103 x 15	DF-170	990	economic	38K	12-386170	66	3	12-201005	purple
24	210 x 103 x 15	DF-170	480	economic	LABS 20	12-206170	32	3	12-201005	purple
25	210 x 103 x 15	DF-170	1020	economic	LABS 40	12-406170	68	3	12-201005	purple
26	210 x 103 x 15	DF-170	1950	economic	LABS 80	12-806170	130	3	12-201005	purple
27	188 x 152 x 15	DF-200	(114) 152	twin frame	10K	12-101200	19	4	12-201006	brown
28	188 x 152 x 15	DF-200	165	economic	10K	12-106200	11	3	12-201006	brown
29	188 x 152 x 15	DF-200	336	twin frame	24K	12-241200	42	4	12-201006	brown
30	188 x 152 x 15	DF-200	375	economic	24K	12-246200	25	3	12-201006	brown
31	188 x 152 x 15	DF-200	630	economic	38K	12-386200	42	3	12-201006	brown
32	188 x 152 x 15	DF-200	300	economic	LABS 20	12-206200	20	3	12-201006	brown
33	188 x 152 x 15	DF-200	600	economic	LABS 40	12-406200	40	3	12-201006	brown

34	188 x 152 x 15	DF-200	1230	economic	LABS 80	12-806200	82	3	12-201006	brown
35	232 x 130 x 15	R9955	30	twin frame	3K	12-030500	5	3	12-201002	dark blue
36	232 x 130 x 15	R9955	150	twin frame	10K	12-100500	15	5	12-201002	dark blue
37	232 x 130 x 15	R9955	370	twin frame	24K	12-240500	37	5	12-201002	dark blue
38	232 x 130 x 15	R9955	195	economic	10K	12-105500	12	3	12-201002	dark blue
39	232 x 130 x 15	R9955	450	economic	24K	12-245500	30	3	12-201002	dark blue
40	232 x 130 x 15	R9955	750	economic	38K	12-385500	50	3	12-201002	dark blue
41	232 x 130 x 15	R9955	390	economic	LABS 20	12-205500	24	3	12-201002	dark blue
42	232 x 130 x 15	R9955	780	economic	LABS 40	12-405500	52	3	12-201002	dark blue
43	232 x 130 x 15	R9955	1590	economic	LABS 80	12-805500	106	3	12-201002	dark blue
44	280 x 152 x 15	DF-700	30	economic	3K	12-203700	2	3	12-201000	light blue
45	280 x 152 x 15	DF-700	96	twin frame	10K	12-101700	12	4	12-201000	light blue
46	280 x 152 x 15	DF-700	110	economic	10K	12-106700	11	2	12-201000	light blue
47	280 x 152 x 15	DF-700	240	twin frame	24K	12-241700	30	4	12-201000	light blue
48	280 x 152 x 15	DF-700	250	economic	24K	12-246700	25	2	12-201000	light blue
49	280 x 152 x 15	DF-700	416	twin frame	38K	12-381700	104	4	12-201000	light blue
50	280 x 152 x 15	DF-700	420	economic	38K	12-386700	42	2	12-201000	light blue
51	280 x 152 x 15	DF-700	220	economic	LABS 20	12-206700	22	2	12-201000	light blue
52	280 x 152 x 15	DF-700	440	economic	LABS 40	12-406700	44	2	12-201000	light blue
53	280 x 152 x 15	DF-700	880	economic	LABS 80	12-806700	88	2	12-201000	light blue
54	271 x 130 x 15	R9957	24	twin frame	3K	12-030750	4	3	12-201003	light green
55	271 x 130 x 15	R9957	130	twin frame	10K	12-100750	13	5	12-201003	light green
56	271 x 130 x 15	R9957	300	twin frame	24K	12-240750	30	5	12-201003	light green
57	271 x 130 x 15	R9957	300	economic	24K	12-245750	30	2	12-201003	light green
58	271 x 130 x 15	R9957	500	economic	38K	12-385750	50	2	12-201003	light green
59	271 x 130 x 15	R9957	260	economic	LABS 20	12-205750	24	2	12-201003	light green
60	271 x 130 x 15	R9957	520	economic	LABS 40	12-405750	52	2	12-201003	light green
61	271 x 130 x 15	R9957	1060	economic	LABS 80	12-805750	106	2	12-201003	light green
62	346 x 130 x 15	R9959	90	twin frame	10K	12-100100	9	5	12-201004	pink
63	346 x 130 x 15	R9959	220	twin frame	24K	12-240100	22	5	12-201004	pink
64	254 x 156 x 37	DF-1000/1200	12	monoblock	3K	12-203200	1	2	12-201010	red
65	254 x 156 x 37	DF-1000/1200	18	monoblock	3K	12-203205	1	3	12-201010	red
66	254 x 156 x 37	DF-1000/1200	56	twin frame	10K	12-101100	7	4	12-201010	red
67	254 x 156 x 37	DF-1000/1200	128	twin frame	24K	12-241100	16	4	12-201010	red
68	42 tubes per layer		1260	Rack system	LS750	12-075000	6	5	-	-

- ❶ For gas phase storage leave LIN level under the second lowest rack level and leave lowest rack level empty. Storage capacity will be reduced. Gas Phase Frames available for Taylor Wharton K-Series containers and LABS containers allow full storage capacity in the gas phase. On application we offer inventory control systems also for other liquid nitrogen containers.

For bag material durability and use the recommendations of the bag producer have to be followed! SY-LAB does not accept any responsibility for bag material suitability under cryogenic temperatures as well as recommended filling volumes.

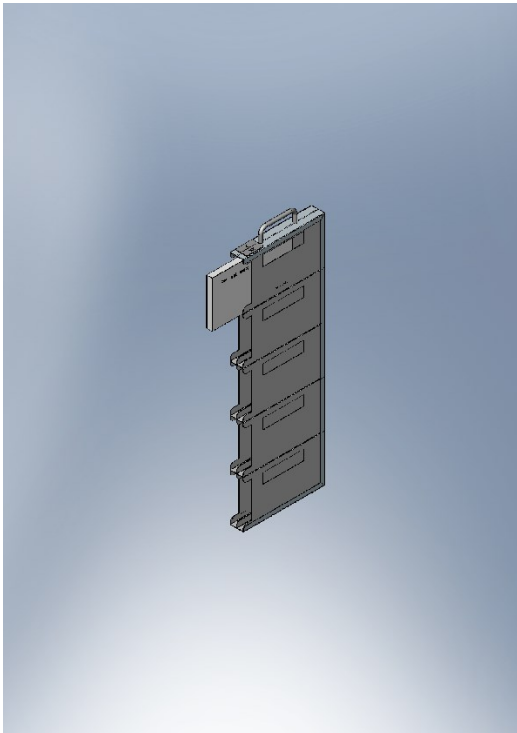
Mixed Systems (bag racks and ampoule racks) require a divided basic rack. Please ask for a details.

The Twin Frame Design is protected by a petty patent in Germany.

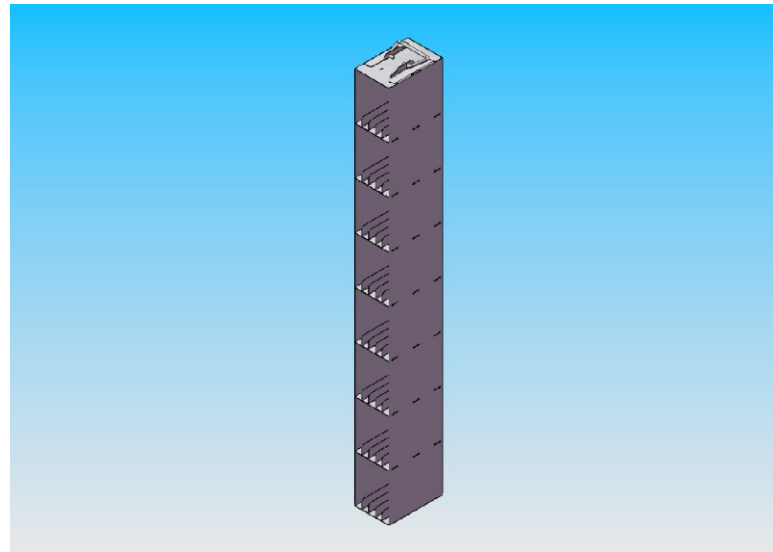
Important: check carefully cassette inner dimensions, SY-LAB takes no responsibility for final sizes of filled bags or sample containers.

We manufacture Inventory Control Systems for other cryogenic refrigerators on demand!

Technical specifications to be altered without prior notice.



Twin Frame Design



Economic Design