

Ordering Information

Cat#	CKD-V035S013	CKD-V055S013	CKD-V130S013
Unit parameter			
Liquid nitrogen capacity under the tray (L)	55	80	265
Liquid Nitrogen Capacity (L)	350	587	1340
Neck diameter (mm)	326	445	635
Inner usable height (mm)	600	600	620
Outer diameter (mm)	875	1104	1565
Height (mm)	1326	1321	1398
Empty weight (kg)	219	328	851
Operation height (mm)	1263	1266	997
Full Weight (kg)	502	802	1934
Door width \geq (mm)	895	1124	1585
Max. storage capacity			
1.2ml, 1.8ml, 2ml internal thread cryogenic vials	13000	26000	58500
Racks with 5×5 boxes	4	8	18
Racks with 10×10 boxes	12	24	54
5×5 boxes	40	80	180
10×10 boxes	120	240	540
Boxes per rack	10	10	10

Max. straw holding capacity									
0.5ml straw	11132			203040			480168		
0.25ml straw	254592			468554			1101000		
Ø76 racks	52			112			234		
Ø63 racks	8			0			42		
Ø38 racks	28			24			54		
Rack layers	4			4			4		
Layer height	135			135			135		
Max. blood bag holding capacity									
Blood bag types	Total Bags	Bags /Frame	No. Frames	Total Bags	Bags /Frame	No. Frames	Total Bags	Bags /Frame	No. Frames
25ml (91-5025)	1296	6	216	2376	6	396	4716	6	786
50ml (91-5050)	792	6	132	1416	6	236	2916	6	486
200ml (91-5200)	168	3	56	336	3	112	666	3	222
250ml (91-5250)	300	3	100	552	3	184	1170	3	390
500ml (91-5500)	192	3	64	408	3	136	828	3	276
700ml (91-5700)	96	3	32	204	3	68	396	3	132
Cat#	CKD-V100S013			CKD-V180S013			CKD-V180S014		
Unit parameter									
Liquid nitrogen capacity under the tray (L)	135			320			320		
Liquid Nitrogen Capacity (L)	1014			1880			1880		
Neck diameter (mm)	465			635			635		
Inner usable height (mm)	900			900			900		

Outer diameter (mm)	1190	1565	1565
Height (mm)	1704	1883	1883
Empty weight (kg)	495	985	985
Operation height (mm)	950	1097	1097
Full Weight (kg)	1314	2504	2504
Door width ≥ (mm)	1210	1585	1585
Max. storage capacity			
1.2ml, 1.8ml, 2ml internal thread cryogenic vials	49500	87750	94875
Racks with 5×5 boxes	4	18	13
Racks with 10×10 boxes	32	54	60
5×5 boxes	60	270	195
10×10 boxes	480	810	900
Boxes per rack	15	15	1
Max. straw holding capacity			
0.5ml straw	11132	203040	480168
0.25ml straw	254592	468554	1101000
Ø76 racks	52	112	234
Ø63 racks	8	0	42
Ø38 racks	28	24	54
Rack layers	4	4	4
Layer height	135	135	135

Max. blood bag holding capacity

Blood bag types	Total	Bags	No.	Total	Bags	No.	Total	Bags	No.
	Bags	/Frame	Frames	Bags	/Frame	Frames	Bags	/Frame	Frames
25ml (91-5025)	4320	9	480	7074	9	786	7758	9	862
50ml (91-5050)	26564	9	296	4374	9	486	4905	9	545
200ml (91-5200)	680	5	136	1110	5	222	1290	5	258
250ml (91-5250)	1180	5	236	1950	5	390	2095	5	419
500ml (91-5500)	800	5	160	1380	5	276	1520	5	304
700ml (91-5700)	400	5	80	660	5	132	775	5	155