

Cat#	CKD-V045S013	CKD-V075S013	CKD-V085S013	CKD-V160S013
Unit parameter				
Liquid nitrogen capacity under the pallet (L)	55	80	135	300
Liquid nitrogen capacity (L)	460	783	890	1660
Neck diameter (mm)	326	445	465	635
Inner usable height (mm)	828	828	773	791
Outer diameter (mm)	875	1104	1190	1565
Height (mm)	1558	1591	1559	1589
Empty weight (kg)	277	372	441	914
Operation weight (mm)	1212	1216	980	967
Full weight (kg)	649	1005	1160	2255
Door width ≥ mm	895	1124	1210	1585
Max. storage capacity			Max. storage capacity	
1.2ml,1.8ml,2ml internal threaded cryogenic vials	18200	36400	42900	76050
Racks with 5×5 boxes	4	8	4	18
Racks with 10×10 boxes	12	24	32	54

5×5 boxes	56			112			52			234		
10×10 boxes	168			336			416			702		
Boxes per rack	14			14			13			13		
Max. straw holding capacity							Max. straw holding capacity					
0.5ml straw	131220			253800			304920			600210		
0.25ml straw	301120			585680			699360			1376250		
Ø76 racks	52			112			120			234		
Ø63 racks	8			0			16			42		
Ø38 racks	12			24			40			54		
Rack layer	5			5			5			5		
Layer height	135			135			135			135		
Max. blood bag holding capacity							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	Total Bags	Bags/ Frame	No. Frames
25ml (91-5025)	1728	6	216	3168	8	396	3360	7	480	5502	7	786
50ml (91-5050)	1056	6	132	1888	8	236	2072	7	296	3402	7	486
200ml (91-5200)	280	3	56	560	5	112	544	4	136	888	4	222
250ml (91-5250)	500	3	100	920	5	184	944	4	236	1560	4	390

250ml (91-5250)	500	3	100	920	5	184	944	4	236	1560	4	390
500ml(91-5500)	320	3	64	680	5	136	640	4	160	1104	4	276
700ml(91-5700)	128	3	32	272	4	68	320	4	80	528	4	132
Cat#	CKD-V190S014		CKD-V200S014			CKD-V210S014			CKD-V220S014			
Unit parameter												
Liquid nitrogen capacity under the pallet (L)	262		262			262			262			
Liquid nitrogen capacity (L)	1940		2041			2156			2270			
Neck diameter (mm)	635		635			635			635			
Inner usable height (mm)	830		880			940			1000			
Outer diameter (mm)	1685		1685			1685			1685			
Height (mm)	1509		1559			1619			1679			
Empty weight (kg)	860		880			900			920			
Operation weight (mm)	950		1000			1060			1120			
Full weight (kg)	2432		2529			2642			2754			
Door width ≥ mm	1705		1705			1705			1705			
Max. storage capacity						Max. storage capacity						

Max. storage capacity						Max. storage capacity						
1.2ml,1.8ml,2ml internal threaded cryogenic vials	105700		113250		120800		128350					
Racks with 5×5 boxes	14		14		14		14					
Racks with 10×10 boxes	72		72		72		72					
5×5 boxes	196		210		224		238					
10×10 boxes	1008		1080		1152		1224					
Boxes per rack	14		15		16		17					
Max. straw holding capacity						Max. straw holding capacity						
0.5ml straw	656820		788184		788184		919548					
0.25ml straw	1513640		1816368		1816368		2119096					
∅76 racks	282		282		282		282					
∅63 racks	16		16		16		16					
∅38 racks	44		44		44		44					
Rack layer	6		6		6		7					
Layer height	135		135		135		135					
Max. blood bag holding capacity						Max. blood bag holding capacity						
Max. blood bag holding capacity						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	Total Bags	Bags/ Frame	No. Frames
25ml (91-5025)	8432	8	1054	8432	8	1054	9486	9	1054	10540	10	1054
50ml (91-5050)	5232	8	654	5232	8	654	5886	9	654	6540	10	654
200ml (91-5200)	1510	5	302	1510	5	302	1510	5	302	1812	6	302
250ml (91-5250)	2550	5	510	2550	5	510	2550	5	510	3060	6	510
500ml(91-5500)	1800	5	360	1800	5	360	1800	5	360	2160	6	360
700ml(91-5700)	930	5	186	930	5	186	930	5	186	930	5	186