

Swing-out rotor, 4-place



Cat. No. (without carriers) **4753**

capacity in ml	1.5	2.0	1.5	2.0	3	5	6	7	9	15	25	50	100	100	
Ø x L in mm	11x38		11x38		10x60	12x75	12x82	12x100	14x100	17x100	24x100	34x100	44x100	40x115	
Cat. No.	-	-	2078	0536	-	0553 ²⁾	0501 ²⁾	0578 ²⁾	0500 ²⁾	0518 ²⁾	0519 ²⁾	0521 ²⁾	0526 ²⁾	0523 ²⁾	
lid Cat. No. 5053   carrier Cat. No. 5051 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	 	 													
															
Cat. No.	5257		5281		5267	5227	5247 ¹⁸⁾		5264	5248 ¹⁸⁾		5242	5243	5262	5249
boring Ø x L in mm	12.5x42		11.5x50		11x44	12.5x42		12.5x86		16x50	17.5x86	26x86	36x86	45.5x86	42x86
tubes per rotor	160		64		80	80		80	48	48	20	8	4		
max. RCF ²⁾ upper/lower	1,950/2,826		2,826		2,737	2,773		2,755	2,773	2,755					
radius in mm upper/lower	109/158		158		153	155		154	155	154					
run-up in sec	18														
run-down in sec, braked	16														
temperature in °C ¹⁾	-1														

capacity in ml	1.1–1.4	2.6–3.4	2.7–3	4–5.5	4.5–5	4.9	7.5–8.5	9–10	10	1.6–5	4–7	4–7	8.5–10
Ø x L in mm	8x66	13x65	11x66	15x75	11x92	13x90	15x92	16x92	15x102	13x75	16x75	13x100	16x100
Cat. No.	blood collection/urine tubes												
lid Cat. No. 5053   carrier Cat. No. 5051									 ³⁾				
													
Cat. No.	5267	5268	5227	5264	5227	5268	5264	5258	5268	5264	6301	5248	
boring Ø x L in mm	11x44	13.5x52	12.5x42	16x50	12.5x42	13.5x52	16x50	17.6x86	13.5x52	16x50	13.5x86	17.5x86	
tubes per rotor	80	48	80	48	80	48	48	44	48				
max. RCF ²⁾	2,737	2,808	2,773			2,808	2,773	2,755	2,808	2,773	2,755	2,755	
radius in mm	153	157	155			157	155	154	157	155	154	154	
run-up in sec	18												
run-down in sec, braked	16												
temperature in °C ¹⁾	-1												

¹³⁾ The screw cap for tube No. 0538 is available with Cat. No. 0539. Dimensions with cap 38x110 mm.

¹⁷⁾ With the E3905 add-on kit and the 4783 lid, the 4785 carrier can be converted at a later time to a 4780 carrier with single-hand clamp lock.

¹⁸⁾ With Cat. No. 5247-91 or 5248-91 these adapters can also be ordered with a decanting aid.

²⁸⁾ At temperatures of over +40 °C and/or when not filled to capacity, bottles may warp during centrifugation.



illustrated with carriers 5051



illustrated with carriers 5092

Swing-out rotor 4753

capacity in ml	15	50	12	30	50	two-tier frame for cyto accessories
Ø x L in mm	17x120	29x115	17x100	25x110	29x115	
Cat. No.	0509	0513	-			cyto chambers ²³⁾
lid Cat. No. 5053  carrier Cat. No. 5051 						
						+ 2x6316
Cat. No.	6306	5259	6306	5266	5243	5280
boring Ø x L in mm	17x90	30x86	17x90	26x86	36x86	-
tubes per rotor	28	8	28	20	8	8
max. RCF ²⁾ upper/lower	2,898	2,826	2,898	2,755		1,735/2,737
radius in mm upper/lower	162	158	162	154		97/153
run-up in sec	18					
run-down in sec, braked	16					
temperature in °C ¹⁾	-1					

capacity in ml	5	6	7	10	15	25	50	100	100	250
Ø x L in mm	12x75	12x82	12x100	17x70	17x100	24x100	34x100	44x100	40x115	65x115
Cat. No.	0553 ²⁾	0501 ²⁾	0578 ²⁾	2079	0518 ²⁾	0519 ²⁾	0521 ²⁾	0526 ²⁾	0523 ²⁾	0530 ²⁾
lid with bio-containment⁵⁾ Cat. No. 5093  carrier Cat. No. 5092										
										
Cat. No.	5128		5120	5136		5122	5124	5125	5126	1791
boring Ø x L in mm	12.8x45		12.8x82	17.5x60.7		25.5x82	35.5x82.5	45.5x85	42x85	66x103
tubes per rotor	48			32		16	4			
max. RCF ²⁾	3,005			2,952		2,898	2,952			3,095
radius in mm	168			165		162	165			173
run-up in sec	18									
run-down in sec, braked	16									
temperature in °C ¹⁾	-1									

1) Lowest attainable temperature in precooled refrigerated centrifuges at max. speed. Lower temperatures can be attained by reducing the speed.

2) Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote ²⁾ is 4,000.

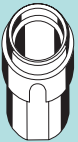
3) When using these tubes, carrier 5051 resp. 5092 cannot be closed with lid 5053 resp. 5093.

4) Please remove the inserts.



illustrated with carriers 5092

Swing-out rotor 4753

capacity in ml	1.1–1.4	2.6–3.4	2.7–3	4–5.5	4.5–5	4.9	7.5–8.5	9–10	10	1.6–5	4–7
Ø x L in mm	8x66	13x65	11x66	15x75	11x92	13x90	15x92	16x92	15x102	13x75	13x100
Cat. No.	blood collection/urine tubes										
lid with bio-containment ⁵⁾ Cat. No. 5093  carrier Cat. No. 5092 											
											
Cat. No.	5138			5136	5120	5137	5136			5138	5120
boring Ø x L in mm	12.8x54.5			17.5x60.7	12.8x82	13.5x60.7	17.5x60.7			12.8x54.5	12.8x82
tubes per rotor	48			32	48	32			48	48	
max. RCF ²⁾	2,540			2,952	3,005	2,952			2,540	3,005	
radius in mm	142			165	168	165			142	168	
run-up in sec	18										
run-down in sec, braked	16										
temperature in °C ¹⁾	-1										

capacity in ml	4–7	8.5–10	8	15	50	12	25	30	50	10	250	290
Ø x L in mm	16x75	16x100	16x125	17x120	29x115	17x100	25x90	25x110	29x115	16x80	61x122	62x137
Cat. No.	blood / urine tubes			0509	0513	-					5127 ²⁸⁾	- ²⁸⁾
lid with bio-containment ⁵⁾ Cat. No. 5093 												
												
Cat. No.	5136		5121 ⁴⁾	5129	5123	5121	5134	5122	5135	5136	6319	
boring Ø x L in mm	17.5x60.7		17.5x82	17x85	30x85	17.5x82	26x73	25.5x82	30x99	17.5x60.7	66x103	
tubes per rotor	32		28	28	8	28	12	16	8	32	4	
max. RCF ²⁾	2,952		3,059	3,095		3,005	2,826	2,898	3,023	2,952	3,095	
radius in mm	165		171	173		168	158	162	169	165	173	
run-up in sec	18											
run-down in sec, braked	16											
temperature in °C ¹⁾	-1											

⁵⁾ Tested by the TÜV in conformity with DIN EN 61010, section 2-020.

²³⁾ Please ask for our detailed cyto brochure.

²⁸⁾ At temperatures of over +40 °C and/or when not filled to capacity, bottles may warp during centrifugation.