

Swing-out rotor, 4-place



∠ 90°

n = 4,800 min⁻¹
max. RCF 4,740

illustrated with carriers 4780
with single-hand clamp lock
and lids 4783
with bio-containment⁵⁾

Cat. No. (without carriers) **4784-A**

capacity in ml	1.5	2.0	3	4	4	5	6	7	10	15	25	50	75	94	100	100	250	
Ø x L in mm	11 x 38		10 x 60	10 x 88	12 x 60	12 x 75	12 x 82	12 x 100	17 x 70	17 x 100	24 x 100	34 x 100	35 x 105	38 x 102	40 x 115	44 x 100	65 x 115	
Cat. No.	2078	0536	-			0553²⁾	0501²⁾	0578²⁾	2079	0518²⁾	0519²⁾	0521²⁾	0548	0549	0523²⁾	0526²⁾	0530²⁾	
lid with bio-containment ⁵⁾ Cat. No. 4783																		
carrier Cat. No. 4780																		
Cat. No.	4773	4761				4762			4763	4764	4765	4766	4767	4768				
boring Ø x L in mm	11.2 x 38		11.2 x 54			13.4 x 55			17.5 x 62		26.5 x 69		36 x 77		42 x 76.5		46 x 76.5	66 x 103
tubes per rotor	96		140			104			72		28		16		12		8	4
max. RCF ²⁾	4,585										4,559				4,534			
radius in mm	178										177				176			
run-up in sec	54																	
run-down in sec, braked	38																	
temperature in °C ¹⁾	+4																	

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	1.6–7	4–7	8	8.5–10	5	15	50	12	
Ø x L in mm	8 x 66	13 x 65	11 x 66	15 x 75	11 x 92	13 x 90	15 x 92	16 x 92	13 x 75/100	16 x 75	16 x 125	16 x 100	17 x 59	17 x 120	29 x 115	17 x 100	
Cat. No.	blood collection / urine tubes												-	0509	0513	-	
lid with bio-containment ⁵⁾ Cat. No. 4783																	
carrier Cat. No. 4780																	
Cat. No.	4761	4762	4761	4763	4761	4762	4763	4762	4775	4763	4763	4763	4778	4769	4770	4774	
boring Ø x L in mm	11.2 x 54	13.4 x 55	11.2 x 54	17.5 x 62	11.2 x 54	13.4 x 55	17.5 x 62	13.4 x 55	13.7 x 55	17.5 x 62			17 x 52	17 x 84	30 x 82.5	17.2 x 82.5	
tubes per rotor	140	104	140	72	140	104	72	104	84	72	24	72	48	52	20	60	
max. RCF ²⁾	4,585												4,740		4,688		
radius in mm	178												184		182		
run-up in sec	54																
run-down in sec, braked	38																
temperature in °C ¹⁾	+4																

³⁾ When using these tubes, carrier 4780 cannot be closed with lid 4783.

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

²⁴⁾ Carrier must be loaded as illustrated.

³³⁾ For blood collection tubes with a cap of a diameter greater than 17 mm.



Carrier 4785

The 4780 carrier is also available without a lid and clamp lock. The catalogue number is 4785. ¹⁷⁾



illustrated with carriers 4782

Swing-out rotor 4784-A

capacity in ml	25	30	50	10	30	50	85	94	175	175	200	225	250	290	400	400	600
Ø x L in mm	25x90	25x110	29x115	16x80	26x95	29x107	38x106	38x102	61x118	62x144	60x130	61x137	61x122	62x137	81x136	84x134	93x134
Cat. No.	-				0545	0546	0547	0538 ¹³⁾	Falcon [®]	Nalgene [®]	Nunc [®]	Falcon [®]	5127 ²⁸⁾	- ²⁸⁾	- ²⁸⁾	- ²⁸⁾	0551 ²⁸⁾
lid with bio-containment ⁵⁾ Cat. No. 4783																	
carrier Cat. No. 4780																	
Cat. No.	4764	4770 ⁴⁾	4763	4764	4770 ⁴⁾		4766	4776		4777	4776		4771		4772		-
boring Ø x L in mm	26.5x69	30x82.5	17.5x62	26.5x69	30x82.5		42x76.5	61x105		61.5x110	61x105		62x100		85x100		94x99
tubes per rotor	28	20	72	28	20		12						4				
max. RCF ²⁾	4,585	4,688	4,585	4,688	4,534								4,740				
radius in mm	178	182	178	182	176								184				
run-up in sec	54																
run-down in sec, braked	38																
temperature in °C ¹⁾	+4																

DxWxH in mm	86x128x15	86x128x17.5	86x128x22	86x128x44.5	86x128x46	59x84x11	82x124x20	-
capacity in ml	-							0.2
Cat. No.	MTP		CP	DWP	MS	Microtest plate (Terasaki)	PCR plate, 96 wells	PCR strips
carrier Cat. No. 4782								
Cat. No.	-							1485
boring Ø x L in mm	-							
plates/strips per rotor	16	16	12	4	4	8	4	48x8
max. RCF ²⁾	4,096							
radius in mm	159							
run-up in sec	54							
run-down in sec, braked	38							
temperature in °C ¹⁾	+4							

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 4780 resp. 5051 cannot be closed with lid 4783 resp. 5053.

⁴⁾ Please remove the inserts.

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