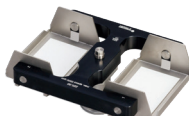


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Rotor/Bucket		Adapter													
Order No.: 221.71 V20 Swing out rotor 4 Places Angle: 0-90° 605.100 Bucket for Adapter 605.102 Lid for Bucket hermetically sealed 	Acceleration in s: 17/97 Deceleration in s: 14/256 max. Speed: 4,500 rpm RCF-value: 3,350 xg max. Radius: 14.8 cm		Volume		200 ml Bottle 56	200 ml conical 56	100 ml RB Glass 40	85 ml RB/OR 38	50 ml RB Glass 34						
			Tubes Ø in mm												
			Length min./max. (mm)		112	120	95/115	95/108	95/118						
			Tubes per rotor Radius correction (cm) Order No. Adapter		4 0.0 without Adapter	4 0.0 705.100	4 0.2 705.101	4 0.2 705.102	4 0.2 705.103						
Volume		50 ml RB/OR 29	50 ml conical 29	50 ml skirted 29	25/30 ml Universal 25	25/30 ml RB/OR 25	15 ml conical 17	15 ml conical 17	15 ml RB 17	5/7 ml RB 13	5 ml conical 17	1.5/2.0 ml micro 11	6-10 ml Vakut.® 16	1.8-7 ml Vakut.® 13	50 ml conical 29
Tubes Ø in mm															
Length min./max. (mm)		95/103	116	116	95/105	90/110	120	120	60/107	65/100	60/70	40	100	75/100	116
Tubes per Rotor		4	4	4	4	4	16	12	28	32	20	32	28	32	8
Radius correction (cm)		0.2	0.1	0.2	0.2	0.2	0.1	0.0	0.2	0.2	0.1	0.1	0.2	0.2	0.0
Order No. Adapter		705.104	705.105	705.106	705.107	705.108	705.109*	705.110	705.111	705.112	705.113	705.114	705.111	705.112	605.103
*only without Bucket Lid															
Order No.: 221.12 V20 Swing out rotor 4 Places Angle: 0-90° 	Acceleration in s: 13/110 Deceleration in s: 18/158 max. Speed: 4,500 rpm RCF-value: 3,350 xg max. Radius: 14.8 cm		Volume		145 ml Nalgene® 50	100 ml RB Glass 44	85 ml RB/OR 38	50 ml RB Glass 34	50 ml RB Glass 29	50 ml conical 29					
			Tubes Ø in mm												
			Length min./max. (mm)		100	90/108	90/108	92/118	90/118	116					
			Tubes per Rotor Radius correction (cm) Order No. Adapter		4 1.0 626.017	4 1.0 626.000	4 0.8 626.001	4 0.7 626.008	4 0.7 626.009	4 0.3 626.002					
Volume		50 ml skirted 29	30 ml Universal 25	25 ml RB Glass 25	15 ml conical 17	15 ml RB 17	5/7 ml RB Glass 13	1.5/2.0 ml micro 11	4.5 ml Sarstedt® 12	5/7 ml 13	6-10 ml Vakut.® 16	1.8-7 ml Vakut.® 13			
Tubes Ø in mm															
Length min./max. (mm)		116	95/105	95/110	120	90/108	75/100	40	75/100	65/80	90/108	75/100			
Tubes per Rotor		4	4	4	8	28	36	40	36	28	28	28			
Radius correction (cm)		0.6	1.1	0.5	0.0	0.4	1.3	5.5	0.9	3.3	0.4	0.7			
Order No. Adapter		626.010	626.011	626.012	626.003	626.004	626.005	626.014	626.007	626.015	626.004	626.006			
Order No.: 221.16 V20 Swing out rotor 2x3 Microtitreplates Angle: 0-90° 	Acceleration in s: 24/220 Deceleration in s: 24/339 max. Speed: 4,500 rpm RCF-value: 2,716 xg max. Radius: 12.0 cm max. Loading height: 63 mm max. Loading weight: 310 g		Order No.:	Tube rack 48 x 1.5 ml (2.0 ml) Tubes											
			706.000												
Order No.: 220.50 V20 Swing out rotor 2x3 Microtitreplates Angle: 0-90° 	Acceleration in s: 13/114 Deceleration in s: 17/252 max. Speed: 3,500 rpm RCF-value: 1,424 xg max. Radius: 10.4 cm max. Loading height: 63 mm max. Loading weight: 310 g		Order No.:	Tube rack 48 x 1.5 ml (2.0 ml) Tubes											
			706.000												
Order No.: 221.19 V20 Angle rotor 30 x 15 ml Glass or 20 x 15 ml conical Angle: 35° 	Acceleration in s: 18/155 Deceleration in s: 18/369 max. Speed: 4,500 rpm RCF-value: 2,830 xg max. Radius: 12.5/10.9 cm max. Ø: 17 mm		Order No.:	Adapter	Ø [mm]	Length [min/max.]:									
			without Adapter	1 x 15 ml Glass	17.0	95/115									
			without Adapter	1 x 15 ml conical	17.0	120									
			701.011	1 x 7 ml	13.5	95/115									
			701.012	1 x 5 ml (RIA)	13.5	70/90									
			701.015	1 x 1.5/2.0 ml	11	40									
			701.018	1 x 4.5-10 ml Sarstedt®	11-16	90/92									

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Rotor/Bucket		Adapter						
Order No.: 221.54 V20  Angle rotor 12 x 15 ml Angle: 32°	Acceleration in s: 13/101 Deceleration in s: 11/285 max. Speed: 6,000 rpm RCF-value: 4,427 xg max. Radius: 11.0 cm max. Ø: 17 mm	Volume	15 ml conical  Ø Tubes in mm Length min./max. in mm Order No. Adapter 17 120 without	15 ml  Ø Tubes in mm Length min./max. in mm Order No. Adapter 17 105/120 without	4-7 ml Vakut.®  Ø Tubes in mm Length min./max. in mm Order No. Adapter 13 100 701.011	1.8-5 ml Vakut.®  Ø Tubes in mm Length min./max. in mm Order No. Adapter 13 75 701.012	1.5/2.0 ml  Ø Tubes in mm Length min./max. in mm Order No. Adapter 11 40 701.015	6-10 ml Sarstedt®/ Vakut.®  Ø Tubes in mm Length min./max. in mm Order No. Adapter 16 92/107 701.018
Order No.: 221.55 V20  Angle rotor 6 x 50 ml Angle: 40°	Acceleration in s: 14/102 Deceleration in s: 11/304 max. Speed: 6,000 rpm RCF-value: 4,424 xg max. Radius: 11.0 cm max. Ø: 29 mm	Volume	50 ml conical  Ø Tubes in mm Length min./max. in mm Order No. Adapter 29 116 without	50 ml RB/OR  Ø Tubes in mm Length min./max. in mm Order No. Adapter 29 100/120 without	30 ml  Ø Tubes in mm Length min./max. in mm Order No. Adapter 25 92/95 708.019	16 ml  Ø Tubes in mm Length min./max. in mm Order No. Adapter 18 100/105 708.003	15 ml conical  Ø Tubes in mm Length min./max. in mm Order No. Adapter 17 120 708.030	15 ml RB  Ø Tubes in mm Length min./max. in mm Order No. Adapter 17 97/120 708.030
Order No.: 220.87 V22  PPS-Lid Angle rotor 24 x 1.5/2.0 ml Angle: 45° hermetically sealed	Acceleration in s: 23/207 Deceleration in s: 34/215 max. Speed: 14,000 rpm RCF-value: 18,624 xg max. Radius: 8.5 cm max. Ø: 11 mm	Order No.:	Adapter	Ø [mm]	Length [min./max.]			
		without Adapter	1 x 2.0 ml	11	40			
		without Adapter	1 x 1.5 ml	11	40			
		704.005	1 x 0.5 ml	8	45			
		704.004	1 x 0.4/0.2 ml PCR	6	45			
Order No.: 220.87 V20  Alu-Lid Angle rotor 24 x 1.5/2.0 ml Angle: 45° hermetically sealed	Acceleration in s: 23/206 Deceleration in s: 33/196 max. Speed: 14,000 rpm RCF-value: 18,624 xg max. Radius: 8.5 cm max. Ø: 11 mm	Order No.:	Adapter	Ø [mm]	Length [min./max.]			
		without Adapter	1 x 2.0 ml	11	40			
		without Adapter	1 x 1.5 ml	11	40			
		704.005	1 x 0.5 ml	8	45			
		704.004	1 x 0.4/0.2 ml PCR	6	45			
Order No.: 221.17 V21  Angle rotor 30 x 1.5/2.0 ml Angle: 45°	Acceleration in s: 26/244 Deceleration in s: 33/349 max. Speed: 12,000 rpm RCF-value: 15,131 xg max. Radius: 9.4 cm max. Ø: 11 mm	Order No.:	Adapter	Ø [mm]	Length [min./max.]			
		without Adapter	1 x 2.0 ml	11	40			
		without Adapter	1 x 1.5 ml	11	40			
		704.005	1 x 0.5 ml	8	45			
		704.004	1 x 0.4/0.2 ml PCR	6	45			
Order No.: 221.35 V20  Angle rotor 12 x 5 ml Tubes Angle: 45°	Acceleration in s: 27/238 Deceleration in s: 22/206 max. Speed: 14,000 rpm RCF-value: 18,624 xg max. Radius: 8.5 cm max. Ø: 11 mm	Order No.:	Adapter	Ø [mm]	Length [min./max.]			
		without Adapter	1 x 5.0 ml conical	17	60			
		701.015	1 x 1.5/2.0 ml	11	40			
		701.016	1 x 1.0 ml Cryo, flat	12.6	41			
		701.017	1 x 1.8 ml Cryo, round	12.6	48			