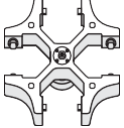
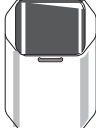
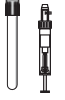


2.4.1 Rotor A-4-81 (only 5810/5810 R)

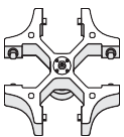
Rotor A-4-81 with 500 mL rectangular bucket

			Max. g-force: 3,220 x <i>g</i>
Rotor A-4-81 Swing-bucket rotor with 4 x 500 mL rectangular buckets	Rectangular bucket 500 mL	Aerosol-tight cap	Max. speed: 4,000 rpm
			Max. load per bucket (adapter, tube and contents): 780 g

Tube	Tube Capacity Tubes per adapter/rotor	Adapter Order no. (international)	Adapter bottom shape Tube diameter Max. tube length with/without aerosol-tight bucket cap	Max. g-force Max. speed Centrifugation radius
	Reaction tube 1.5/2 mL 20/80	 5810 745.004	flat Ø 11 mm 43 mm/43 mm	2,950 x <i>g</i> 4,000 rpm 16.5 cm
	Blood collection tube 1.2 to 5 mL 20/80	 5810 746.000	flat Ø 11 mm 108 mm/108 mm	3,000 x <i>g</i> 4,000 rpm 16.8 cm
	Tube 2.6 to 5 mL 25/100	 5810 720.001	flat Ø 13 mm 107 mm/108 mm	3,000 x <i>g</i> 4,000 rpm 16.8 cm
	Tube 2.6 to 7 mL 18/72	 5810 747.007	flat Ø 13 mm 108 mm/108 mm	3,000 x <i>g</i> 4,000 rpm 16.8 cm
	Blood collection tube 3 to 15 mL 16/64	 5810 748.003	flat Ø 16 mm 108 mm/108 mm	3,000 x <i>g</i> 4,000 rpm 16.8 cm
	Tube 7 to 17 mL 16/64	 5810 721.008	flat Ø 17.5 mm 118 mm/118 mm	3,000 x <i>g</i> 4,000 rpm 16.8 cm

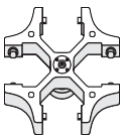
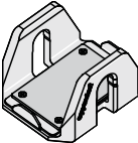
Tube	Tube Capacity Tubes per adapter/ rotor	Adapter Order no. (international)	Adapter bottom shape Tube diameter Max. tube length with/without aerosol-tight bucket cap	Max. g-force Max. speed Centrifugation radius
	Conical tube 15 mL 12/48	 5810 722.004	conical Ø 17.5 mm 119 mm/121 mm	3,100 x <i>g</i> 4,000 rpm 17.3 cm
	Conical tube 50 mL 5/20	 5810 723.000	conical Ø 31 mm 116 mm/122 mm	3,100 x <i>g</i> 4,000 rpm 17.3 cm
	Centriprep 50 mL 5/20	 5810 739.004	flat Ø 31 mm -/121 mm	3,100 x <i>g</i> 4,000 rpm 17.3 cm
	Conical tube, skirted 50 mL 5/20	 5810 739.004  5804 737.008	flat Ø 31 mm -/119 mm	3,100 x <i>g</i> 4,000 rpm 17.3 cm
	Bottles 180 to 250 mL 1/4	 5825 722.000	flat Ø 62 mm -/133 mm	3,100 x <i>g</i> 4,000 rpm 17.3 cm
	Wide-neck bottle 400 mL 1/4	 5810 728.002	flat Ø 81 mm -/133 mm	3,220 x <i>g</i> 4,000 rpm 18.0 cm
	Wide-neck bottle, rectangular 500 mL -/4	-	flat 83 mm 134 mm/134 mm	3,220 x <i>g</i> 4,000 rpm 18.0 cm

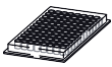
Rotor A-4-81 with conical tubes

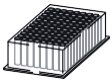
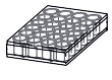
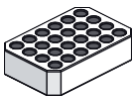
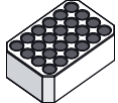
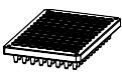
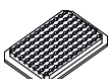
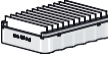
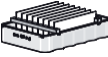
		Max. g-force:	3,220 x g
Rotor A-4-81 Swing-bucket rotor with 4 conical tubes	Bucket for 7 x 50 mL conical tubes	Max. speed:	4,000 rpm
		Max. load:	7 x 75 g

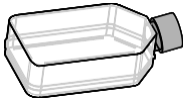
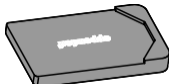
Tube	Tube Capacity Tubes per adapter/ rotor	Adapter Order no. (international)	Bottom shape Tube diameter Max. tube length	Max. g-force Max. speed Centrifugation radius
	Conical tube 15 mL 7/28	 5820 718.005	conical Ø 17.5 mm 120 mm	3,184 x g 4,000 rpm 17.8 cm
	Conical tube 50 mL 7/28	-	conical Ø 30 mm 117 mm	3,220 x g 4,000 rpm 18.0 cm

Rotor A-4-81 with MTP/Flex bucket

		Max. g-force:	2,900 x g
Rotor A-4-81 Swing-bucket rotor with 4 MTP/Flex buckets	MTP/Flex buckets	Max. speed:	4,000 rpm
		Max. load per bucket:	380 g

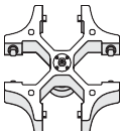
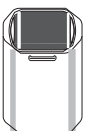
Tube	Plate Capacity Plates, rack or glass slides per adapter/ rotor	Adapter Order no. (international)	Bottom shape Tube diameter Max. loading height	Max. g-force Max. speed Centrifugation radius
	Micro test plate 96/384 wells 4/16	-	flat - 60 mm	2,900 x g 4,000 rpm 16.3 cm

Tube	Plate Capacity Plates, rack or glass slides per adapter/ rotor	Adapter Order no. (international)	Bottom shape Tube diameter Max. loadingheight	Max. g-force Max. speed Centrifugation radius
	Deepwell plate 96 wells 1/4	-	flat - 60 mm	2,900 x <i>g</i> 4,000 rpm 16.3 cm
	Cell culture plate 24 wells 2/8	-	flat - 60 mm	2,900 x <i>g</i> 4,000 rpm 16.3 cm
	Kit 1/4	-	flat - 60 mm	2,900 x <i>g</i> 4,000 rpm 16.3 cm
	Tube in IsoRack 24 x 0.5 mL 1/4	 5825 708.008	flat Ø 6 mm 60 mm	2,700 x <i>g</i> 4,000 rpm 15.0 cm
	Tube in IsoRack 24 x 1.5/2 mL 1/4	 5825 709.004	flat Ø 11 mm 60 mm	2,600 x <i>g</i> 4,000 rpm 14.6 cm
	384-well PCR plate 1/4	 5825 713.001	flat - 60 mm	2,700 x <i>g</i> 4,000 rpm 15.8 cm
	96-well PCR plate 1/4	 5825 711.009	flat - 60 mm	2,600 x <i>g</i> 4,000 rpm 16.1 cm
Slides	CombiSlide 12/48 or 8/32	  5825 706.005	flat - 60 mm	1,000 x <i>g</i> 2,372 rpm 15.9 cm

Tube	Plate Capacity Plates, rack or glass slides per adapter/ rotor	Adapter Order no. (international)	Bottom shape Tube diameter Max. loading height	Max. g-force Max. speed Centrifugation radius
	Cell culture bottle with/ without filter 75 cm ² : Sarstedt 83.1811.002/ 83.1811 25 cm ² : Sarstedt 83.1810.002/ 83.1810 Greiner Bio-One 690175/690160 TPP 90026/90025 IWAKI 3102-025 1/4	 5825 719.000	flat - 60 mm	1,000 x g 2,501 rpm 14.3 cm

2.4.2 Rotor A-4-62 and A-4-62-MTP (only 5810/5810 R)

Rotor A-4-62 with 250 mL rectangular bucket

			Max. g-force: 3,220 x g
Rotor A-4-62 Swing-bucket rotor with 4 x 250 mL rectangular buckets	Rectangular bucket 250 mL	Aerosol-tight cap	Max. speed: 4,000 rpm
			Max. load per bucket 620 g (adapter, tube and contents):

Tube	Tube Capacity Tubes per adapter/ rotor	Adapter Order no. (international)	Adapter bottom shape Tube diameter Max. tube length with/without aerosol-tight bucket cap	Max. g-force Max. speed Centrifugation radius
	Reaction tube 1.5/2 mL 16/64	 5810 751.004	flat Ø 11 mm 43 mm/43 mm	3,000 x g 4,000 rpm 17.1 cm