

Rotor A-4-81



- Product features**
- > Swing-bucket rotor with max. speed 3,220 × g (4,000 rpm)
 - > Rotor A-4-81 accommodates tubes and flasks from 0.2 mL to 500 mL as well as plates
 - > Aerosol-tight caps^{*1} for safe centrifugation of hazardous samples optionally available
 - > Mixed loading with 2 plate buckets and 2 rectangular tube buckets allows for increased versatility
 - > Rotor life time: max. 100,000 cycles
 - > Buckets, caps, and adapters are autoclavable

Ordering information

Description	Order no.
Rotor A-4-81	
Rotor A-4-81, incl. 4 × 500 mL rectangular buckets	5810 718.007
Rotor A-4-81, incl. 4 × MTP/Flex plate buckets	5810 725.003
Rotor A-4-81 without buckets	5810 743.001
Buckets for Rotor A-4-81	
Bucket, 500 mL rectangular, set of 4	5810 730.007
Bucket, 7 × 50 mL conical, set of 4	5825 730.003
Bucket, MTP/Flex plates, set of 2	5810 742.005
Bucket, MTP/Flex plates, set of 4	5810 741.009

Accessories

Aerosol-tight cap ² for 500 mL rectangular bucket, set of 2	5810 724.007
Bottle 400 mL wide-mouth, includes stabilizing sleeves, set of 2	5810 729.009
Bottle 500 mL wide-mouth, set of 2	5820 707.003

Tube							
Tube capacity (mL)	1.5/2	1.2-5	1.8-7	2.6-7	4-10	7-17	Eppendorf Tubes [®] 5.0 mL and 15 mL conical
Max. tube diameter (Ø mm)	11	11	13	13	16	17.5	17
Max. vessel height (mm)^{*2}	118	118	118	118	118 (130 mm in 2 inner rows) ^{*2}	118 (130 mm in 2 inner rows) ^{*2}	122
Max. vessel height for use with aerosol-tight lid^{*1} (mm)	108	108	108	108	108 (130 mm in 4 center pos.) ^{*2}	108 (130 mm in 4 center pos.) ^{*2}	120
Adapter/bucket options for Rotor A-4-81							
Capacity per bucket/rotor	20/80	20/80	25/100	18/72	16/64	16/64	12/48
Adapter bottom shape	flat	flat with rubber mat	flat with rubber mat	flat with rubber mat	flat with rubber mat	flat with rubber mat	conical
Centrifugation radius (cm)	16.5	16.8	16.8	16.8	16.8	16.8	17.3
Max. RCF (g-force)	2,950	3,000	3,000	3,000	3,000	3,000	3,100
Order no. (set of 2)	5810 745.004	5810 746.000	5810 720.001	5810 747.007	5810 748.003	5810 721.008	5810 722.004

^{*1} Aerosol-tightness tested by Public Health England, Penton Down, UK.
^{*2} Exceeding the maximum tube length may reduce the loading capacity of the rotor.
 Please perform a manual swing-out test before starting the centrifuge run to make sure the tubes do not hit the rotor yoke.
^{*3} Only Centriprep[®] tube without locking lid.

50 mL conical	50 mL conical, skirted	30-50 mL and 50 mL Centriprep [®]	175-225 conical	180-250	400 mL bottle ^{*5} (5810 729.009)	500 mL bottle ^{*5} (5820 707.003)	MTP and PCR plates	Cell culture plates	DWP	
31	31	29	61	81	83	83	-	-	-	
122	122	122	133	135	135	135	60	60	60	
116	-	116	-	-	-	135	-	-	-	
5/20 conical	7/28 conical	5/20 flat with rubber mat	1/4 flat with rubber mat	1/4 flat, rubber	no adapter needed		See page 23 for additional adapters			
17.3	18.0	17.3	17.3	18.0	1/4	1/4	4/16	2/8	1/4	
3,100	3,250	3,100	3,100	3,220	3,100	3,220	-	-	-	2,900
5810 723.000	5825 730.003 ^{*7}	5810 739.004	5825 722.000	5810 728.002	-	-	5810 742.005	-	-	5810 741.009 ^{*6}

^{*4} Please note that these conical flasks need to be used together with a conical form insert provided by the flask manufacturer.
^{*5} Available as a set of 2 flasks (see ordering information).

^{*6} Set of 4.
^{*7} 50 mL conical tubes skirted need to be ordered separately. Order no. 5804 737.008 (set of 8).