

# Rotor S-4-104



- Product features**
- > High capacity swing-bucket rotor with max. speed 3,214 × g (3,900 rpm)
  - > Rotor S-4-104 accommodates tubes and bottles from 0.2 mL to 750 mL as well as plates
  - > Aerodynamic round bucket design for up to 36% energy savings compared to Rotor A-4-81
  - > Mixed loading with 2 plate buckets and 2 round tube buckets allows for increased versatility
  - > Aerosol-tight Eppendorf QuickLock caps for safe centrifugation of hazardous samples optionally available\*1
  - > Rotor life time: max. 100,000 cycles
  - > Buckets, caps, and adapters are autoclavable

**Ordering information**

Description	Order no.
<b>Rotor S-4-104*5</b>	
Rotor S-4-104, incl. 4 × 750 mL round buckets	5820 740.000
Rotor S-4-104, incl. 4 × Plate bucket (aerosol-tight capable)	5820 754.001
Rotor S-4-104, without buckets	5820 755.008
<b>Buckets for Rotor S-4-104*5</b>	
Plate bucket (aerosol-tight capable), incl. plate carrier, set of 4	5820 743.000
Plate bucket (aerosol-tight capable), incl. plate carrier, set of 2	5820 744.006
<b>Accessories</b>	
Aerosol-tight caps*1, for 750 mL round buckets, set of 2	5820 747.005
Aerosol-tight caps*1, for Plate bucket (aerosol-tight capable), set of 2	5820 748.001
750 mL wide-mouth bottle, set of 2	5820 708.000

Tube	1.5/2.0	12 x 75 mm, 5 mL FACS	2.6-8	5.5-12	9	14
<b>Tube capacity (mL)</b>	1.5/2.0	12 x 75 mm, 5 mL FACS	2.6-8	5.5-12	9	14
<b>Max. tube diameter (Ø mm)</b>	11	12	13	16	17.5	17.5
<b>Max. vessel height (mm)</b>	39	111	115	119	111	117
<b>Max. vessel height for use with aerosol-tight lid (mm)*2</b>	39	100	108	114	106	112
<b>Adapter/bucket options for Rotor S-4-104</b>						
<b>Capacity per bucket/rotor</b>	50/200	27/108	23/92	20/80	20/80	14/56
<b>Adapter bottom shape</b>	flat	round	round	round	round	round
<b>Centrifugation radius (mm)</b>	188	175	179	180	179	185
<b>Max. RCF (g-force)</b>	3,197	2,976	3,044	3,061	3,044	3,146
<b>Order no. (set of 2)</b>	5825 740.009	5825 747.003	5825 738.004	5825 736.001	5825 743.008	5825 748.000

Eppendorf Tubes® 5.0 mL and 15 mL conical	30mL	50 mL conical	50 mL conical skirted	175-225 mL conical, Nunc® 250 mL conical	250 mL flat	500 mL Corning®	750 mL Eppendorf bottle**4 (order no. 5820 708.000)	MTP, DWP, PCR plates
17	25	31	31	62	98	104	-	-
125	111	122	120	145	136	150	60	60
120	106	116	116	125	-	-	45	45
14/56	8/32	7/28	5/20	1/4	1/4	1/4	4/16 (MTP) 1/4 (DWP)	4/16 (MTP) 1/4 (DWP)
conical	flat	conical	conical, skirted	flat	conical	flat	flat	flat
188	174	187	178	183	187	185	151	151
3,197	2,958	3,180	3,027	3,112	3,171	3,146	2,568	2,568
5825 734.009	5825 755.006	5825 733.002	5825 732.006	5825 741.005	5825 745.000	5825 744.004	5820 744.006	5820 744.006

\*1 Aerosol-tightness tested by Public Health England, Porton 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 Please note that these conical bottles need to be used together with a conical form insert provided by the manufacturer.  
 \*4 Available as a set of 2 bottles (see ordering information).  
 \*\* Please note that a software upgrade may be necessary for older centrifuges when using Rotor S-4-104.  
 Please contact your local Eppendorf organization or dealer for further information