

Rotors for Centrifuge 5910 Ri



Rotor S-4x400

- > High-speed medium capacity swing-bucket rotor with max. speed 5,263 x g (5,100 rpm)
- > Broad range of adapters enables high versatility for tubes and bottles from 0.2 mL to 400 mL
- > Aerosol-tight QuickLock caps for safe centrifugation of hazardous samples optionally available¹⁾

¹⁾ Aerosol-tightness tested by Public Health England, Porton Down, UK.



Ordering information

Description	Order no.
Rotor S-4x400, incl. 400 mL round bucket	5895 180 000
Caps, for Rotor S-4x400, aerosol-tight, 2 pcs.	5910 700 008

Adapters for Rotor S-4x400						
Tube Volume	1.5 mL/2.0 mL	12 mm x 75 mm	4 mL – 8 mL	7.5 mL – 12 mL	9 mL	Eppendorf Tubes® 5.0 mL and 15 mL conical
Max. tube diameter	11 mm	12 mm	13 mm	16 mm	17.5 mm	17 mm
Max. vessel height	39 mm	118 mm	119 mm	122 mm	122 mm	133 mm
Max. vessel height for use with cap/lid¹⁾	–	112 mm	105 mm	115 mm	115 mm	126 mm
Adapter						
Number of vessels per adapter/rotor	26/104	17/68	15/60	11/44	8/32	7/28
Bottom shape	open	round	round	round	round	conical
Centrifugation radius	177 mm	172 mm	171 mm	173 mm	173 mm	180 mm
Max. RCF	5,147 x g	5,002 x g	4,818 x g	4,874 x g	4,874 x g	5,071 x g
Packing	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.	2 pcs.
Order no.	5910 708 009	5910 711 000	5910 703 007	5910 704 003	5910 709 005	5910 702 000

¹⁾ Please perform a manual test to determine the actual loading capacity. ²⁾ Please order adapter for 25 mL conical tubes snap cap 5820 733 004. ³⁾ Please order adapter for 25 mL conical tubes screw cap 5820 734 000. ⁴⁾ Please note that these conical bottles need to be used together with a conical form insert provided by the manufacturer.

25 mL snap cap²⁾								
25 mL screw cap³⁾								
50 mL screw cap								
45 mL snap cap								
50 mL skirted, Centriprep and Oak Ridge 30 mL								
175 mL conical (Becton Dickinson®, Nalgene®⁴⁾), 250 mL flat								
175 – 225 mL conical								
400 mL								
30 mm	30 mm	30 mm	30 mm	30 mm	30 mm	62 mm	62 mm	81 mm
83 mm	83 mm	78.5 mm	125 mm	125 mm	122 mm	138 mm	143 mm	117 mm
83 mm	83 mm	78.5 mm	117 mm	117 mm	121 mm	129 mm	137 mm	117 mm
Adapter								
Number of vessels per adapter/rotor	4/16	4/16	4/16	4/16	3/12	1/4	1/4	1/4
Bottom shape	conical	conical	conical	conical	conical	flat	conical	flat
Centrifugation radius	152 mm	142 mm	179 mm	179 mm	170 mm	174 mm	181 mm	173 mm
Max. RCF	4,420 x g	4,129 x g	5,043 x g	5,043 x g	4,943 x g	5,060 x g	5,263 x g	5,030 x g
Packing			2 pcs.		2 pcs.	2 pcs.	2 pcs.	2 pcs.
Order no.			5910 701 004		5910 712 006	5910 705 000	5910 714 009	5910 706 006