

14 Rotors for the Centrifuge 5910 Ri



Eppendorf centrifuges may only be operated with rotors that are intended for use with the corresponding centrifuge.

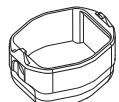
- Only use rotors that are intended for use with the corresponding centrifuge.

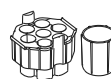
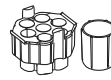
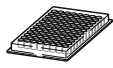
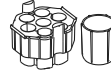
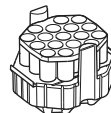
Use only rotors labeled **5910R/Ri**, **5910R** or **59XX**.

Please note the manufacturer's information on the centrifugation stability of the sample tubes used (maximum *g-force*).

14.1 Rotor S-4xUniversal

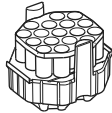
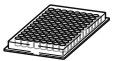
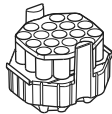
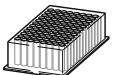
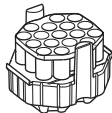
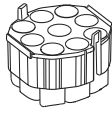
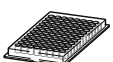
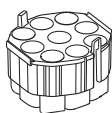
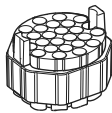
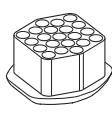
14.1.1 Swing-bucket rotor S-4xUniversal with 4 universal buckets

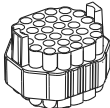
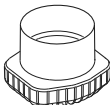
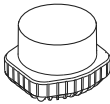
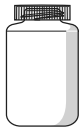
			Max. <i>g-force</i> :	4347 × <i>g</i>
			Max. speed:	4500 rpm
Rotor S-4xUniversal	Universal bucket and aerosol-tight cap		Max. load per bucket (adapter, tube and contents):	1595 g

Tube	Tube Capacity Number per adapter/rotor	Adapter Order no. (international)	Bottom shape Diameter Max. tube length with/without cap	Max. <i>g-force</i> Max. speed Radius
	Conical tube 50 mL 7/28	 5910 751.001	Conical Ø 29 mm 121 mm/124 mm	4324 × <i>g</i> 4500 rpm 19.1 cm
	Wide-neck bottle 250 mL 1/4	 5910 751.001	Flat Ø 62 mm 139 mm/146 mm	4234 × <i>g</i> 4500 rpm 18.7 cm
	Microplate 96/384 wells 1/4	 5910 751.001	Flat —/16 mm	2604 × <i>g</i> 4500 rpm 11.5 cm
	Eppendorf Tubes 5 mL 16/64	 5910 752.008 (without upper part)	Conical Ø 17 mm 122 mm/124 mm	4324 × <i>g</i> 4500 rpm 19.1 cm

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Tube	Tube Capacity Number per adapter/rotor	Adapter Order no. (international)	Bottom shape Diameter Max. tube length with/without cap	Max. <i>g</i> -force Max. speed Radius
	Conical tube 15 mL 17/64	 5910 752.008	Conical Ø 17 mm 122 mm/124 mm	$4324 \times g$ 4500 rpm 19.1 cm
	Microplate 96/384 wells 1/4	 5910 752.008 (without upper part)	Flat ? mm/64 mm	$3237 \times g$ 4500 rpm 14.4 cm
	Deepwell plate 96 wells 1/4	 5910 752.008 (without upper part)	Flat ? mm/64 mm	$3237 \times g$ 4500 rpm 14.3 cm
	Conical tube 50 mL 9/36	 5910 769.008	Conical Ø 29 mm (Load 5 inner bores only)/116 mm	$4347 \times g$ 4500 rpm 19.2 cm
	Microplate 96/384 wells 1/4	 5910 769.008	Flat 16 mm/??16 mm	$2604 \times g$ 4500 rpm 11.5 cm
	Round-bottom tube 7.5 mL – 12 mL (Ø 16 × 75 mm – 100 mm) Ø 16 mm 26/104	 5910 754.000	Round Ø 16 mm 118 mm/120 mm	$4302 \times g$ 4500 rpm 19.0 cm
	Tube 9 mL (Ø 17.5 mm × 100 mm) 21/84	 5910 762.003	Round Ø 17.5 mm 118 mm/120 mm	$4256 \times g$ 4500 rpm 18.8 cm

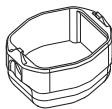
Tube	Tube Capacity Number per adapter/rotor	Adapter Order no. (international)	Bottom shape Diameter Max. tube length with/without cap	Max. <i>g</i> -force Max. speed Radius
	Round-bottom tube 4 mL – 8 mL (Ø 13 × 75 mm – 100 mm) 30/120	 5910 755.007	Round Ø 13 mm 117 mm/119 mm	$4302 \times g$ 4500 rpm 19.0 cm
	Conical tube 500 mL Corning 1/4	 5910 760.000	Conical Ø 96 mm –/148 mm	$4234 \times g$ 4500 rpm 18.7 cm
	Wide-neck bottle 750 mL 1/4	 5910 757.000	Flat Ø 102 mm 135 mm/139 mm	$4256 \times g$ 4500 rpm 18.8 cm
	Wide-neck bottle		Flat	$44569 \times g$
	1000 mL		Ø 119 mm	4256 rpm
	1/4	5910 756.003	132 mm/138 mm	18.8 cm

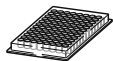
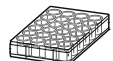
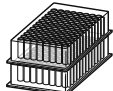
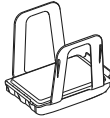
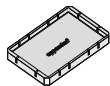
Rotors for the Centrifuge 5910 Ri

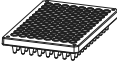
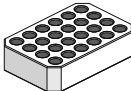
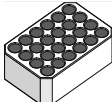
Centrifuge 5910 Ri
English (EN)

14.1.2 Swing-bucket rotor S-4xUniversal with 4 universal buckets and a plate carrier

Always use the plate carrier for centrifugation of the following plates and tubes. Use a plate carrier and an adapter if necessary.

			Max. <i>g</i> -force:	3849 × <i>g</i>
			Max. speed:	4500 rpm
Rotor S-4xUniversal	Universal bucket with plate carrier	Max. load per bucket (adapter, tube and contents): 1 595 g		

Plate/tube	Plate Capacity	Adapter	Bottom shape	Max. <i>g</i> -force Max. speed
	Number per adapter/rotor	Order no. (international)	Max. loading height with/ without cap	Radius
	Microplate 96/384 wells		Flat	3849 × <i>g</i> 4500 rpm
	5/20	5910 753.004	66 mm/80 mm	17.0 cm
	Deepwell plate 96 wells		Flat	3849 × <i>g</i> 4500 rpm
	1/4	5910 753.004	66 mm/80 mm	17.0 cm
	Cell-culture plate		Flat	3849 × <i>g</i> 4500 rpm
	1/4	5910 753.004	66 mm/80 mm	17.0 cm
	Kit		Flat	3849 × <i>g</i> 4500 rpm
	1/4	5910 753.004	–/80 mm	17.0 cm
	PCR plate 384 wells	Plate carrier + 	Flat	3645 × <i>g</i> 4500 rpm
	1/4	5825 713.001	66 mm/80 mm	16.1 cm

Plate/tube	Plate Capacity Number per adapter/rotor	Adapter Order no. (international)	Bottom shape Max. loading height with/without cap	Max. <i>g</i> -force Max. speed Radius
	PCR plate 96 wells 1/4	Plate carrier +  5825 711.009	Conical 66 mm/80 mm	$3690 \times g$ 4500 rpm 16.3 cm
Slide	CombiSlide 12 slides 12/48	Plate carrier +  5825 706.005	Flat 66 mm/80 mm	$3758 \times g$ 4500 rpm 16.6 cm
	IsoRack 24 × 0.5 mL micro test tubes 1/4	Plate carrier +  5825 708.008	Open Ø 6 mm 66 mm/80 mm	$3690 \times g$ 4500 rpm 16.3 cm
	IsoRack 24 × 1.5/2 mL micro test tubes 1/4	Plate carrier +  5825 709.004	Open Ø 11 mm 66 mm/80 mm	$3600 \times g$ 4500 rpm 15.9 cm