



Sample Handling



Model	MiniSpin®/MiniSpin® plus	5418 R	5420
Positioning	Space saving 12-place mini-centrifuge for quick spin downs even in the smallest workstation, non-refrigerated	Compact refrigerated 18-place microcentrifuge for temperature sensitive samples	Small footprint 24-place microcentrifuge for molecular biology routine applications, non-refrigerated
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Max. capacity	12 × 1.5/2.0 mL	18 × 1.5/2.0 mL	24 × 1.5/2.0 mL
Max. RCF	12,100 × g/14,100 × g	16,873 × g	21,300 × g
Max. speed	13,400 rpm/14,500 rpm	14,000 rpm	15,060 rpm
Rotors available	2	1	2
Temperature control range		0 °C to +40 °C	
Dimensions (W × D × H)	22.5 × 23.0 × 13.0 cm/ 22.6 × 23.9 × 12.0 cm	30 × 46 × 25 cm	24 × 35 × 22 cm
Height (with open lid)	25 cm	52 cm	44 cm
Weight w/o accessories	3.7 kg	22 kg	13 kg
Max. power consumption	70 W/85 W	320 W	290 W
Tube/plate/bottle capacity			
1.5/2.0 mL Eppendorf Tubes®	12	18	24
Eppendorf Tubes® 5.0 mL	-	-	-
8-place PCR strips	2	-	4
15 mL conical tubes	-	-	-
25 mL conical tubes	-	-	-
50 mL conical tubes	-	-	-
13 mm round-bottom and blood collection tubes	-	-	-
16 mm round-bottom and blood collection tubes	-	-	-
17.5 mm round-bottom and blood collection tubes	-	-	-
PCR plates/MTP	-	-	-
Deepwell plates (DWP)	-	-	-



Model	5424 R	5425	5427 R	5430/5430 R
Positioning	Refrigerated 24-place standard microcentrifuge for temperature sensitive samples	Whisper quiet 24-place standard microcentrifuge with outstanding feature set for broad range of applications, non-refrigerated	High-throughput refrigerated 48-place microcentrifuge for temperature sensitive samples	Crossover microcentrifuge with multipurpose versatility and 12 rotor options including rotor for 15 and 50 mL conical tubes, 30-place high speed rotor and swing-bucket rotor for MTPs or DWPs, refrigerated for temperature sensitive samples or non-refrigerated
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Max. capacity	24 × 1.5/2.0 mL	10 × 5.0 mL	48 × 1.5/2.0 mL	48 × 1.5/2.0 mL, 6 × 50 mL, 2 × MTP
Max. RCF	21,130 × g	21,300 × g	25,000 × g	30,130 × g
Max. speed	15,000 rpm	15,060 rpm	16,220 rpm	17,500 rpm
Rotors available	4	6	9	12
Temperature control range	-10 °C to +40 °C		-11 °C to 40 °C	-11 °C to 40 °C
Dimensions (W × D × H)	29 × 48 × 26 cm	24 × 39 × 24 cm	31.9 × 54.0 × 25.4 cm	33 × 42 × 25 cm/38 × 64 × 29 cm
Height (with open lid)	51 cm	48 cm		56 cm/63 cm
Weight w/o accessories	21 kg	15.6 kg	30 kg	29 kg/56 kg
Max. power consumption	350 W	280 W	550 W	475 W/1,050 W
Tube/plate/bottle capacity				
1.5/2.0 mL Eppendorf Tubes®	24	24	48	48
Eppendorf Tubes® 5.0 mL	-	10	12	16
8-place PCR strips	4	12	6	8
15 mL conical tubes	-	-	-	6
25 mL conical tubes	-	-	-	6
50 mL conical tubes	-	-	-	6
13 mm round-bottom and blood collection tubes	-	-	-	12
16 mm round-bottom and blood collection tubes	-	-	-	12
17.5 mm round-bottom and blood collection tubes	-	-	-	12
PCR plates/MTP	-	-	-	2
Deepwell plates (DWP)	-	-	-	2

For more information go to www.eppendorf.com/centrifugation



Technical specifications subject to change.



On page 384 you will find detailed information on services for these products!

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Model	5702/5702 R/5702 RH	5804/5804 R
Positioning	General purpose centrifuge with medium capacity for low speed cell culture applications, refrigerated for temperature sensitive samples, active heating and cooling to improve cell viability or non-refrigerated	High speed multipurpose centrifuge with medium capacity, refrigerated for temperature sensitive samples or non-refrigerated
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Max. capacity	4 x 100 mL	4 x 250 mL/2 x 5 MTP
Max. RCF	3,000 x g	20,913 x g
Max. speed	14,400 rpm	14,000 rpm
Temperature control range	-19 °C to 40 °C/-9 °C to 42 °C	-9 °C to 40 °C
Dimensions (W x D x H)	32 x 40 x 24 cm/38 x 58 x 26 cm/38 x 58 x 26 cm	47 x 55 x 34 cm/64 x 55 x 34 cm
Height (with open lid)	53 cm/60 cm/60 cm	74 cm
Footprint (dimensions w/o front panel, WxD)		47 x 50 cm/64 x 50 cm
Weight w/o accessories	20 kg/36 kg/36 kg	55 kg/80 kg
Max. power consumption	200 W/380 W/380 W	900 W/1,650 W
Tube/plate/bottle capacity		
1.5/2.0 mL Eppendorf Tubes®	24	104
Eppendorf Tubes® 5.0 mL	4	32
8-place PCR strips	-	6
15 mL conical tubes	20	40
25 mL conical tubes	4/4	16
50 mL conical tubes	4/4	16
13 mm round-bottom and blood collection tubes	40/40	56
16 mm round-bottom and blood collection tubes	16/16	52
17.5 mm round-bottom and blood collection tubes	24/24	48
180 – 250 mL bottles (flat)	-/-	4
500 mL Corning®	-/-	-
750 mL bottles	-/-	-
1,000 mL Eppendorf bottles	-/-	-
1,000 mL standard bottles	-/-	-
PCR plates/MTP	-/-	10
Deepwell plates (DWP)	-/-	4



Model	5810/5810 R	Centrifuge 5910 R	Centrifuge 5920 R
Positioning	Compact multipurpose centrifuge with medium capacity, refrigerated for temperature sensitive samples or non-refrigerated	Super versatile multipurpose centrifuge with high capacity for broad range of consumables, refrigerated for temperature sensitive samples	High-throughput multipurpose centrifuge with very high capacity, refrigerated for temperature sensitive samples
Page(s)	168	194	194
Max. capacity	4 x 750 mL/4 x 4 MTP	4 x 1,000 mL/4 x 5 MTP	4 x 1,000 mL/4 x 7 MTP
Max. RCF	20,913 x g	22,132 x g	21,194 x g
Max. speed	14,000 rpm	14,000 rpm	13,700 rpm
Temperature control range	-19 °C to 40 °C	-11 °C to 40 °C	-11 °C to 40 °C
Dimensions (W x D x H)	54 x 61 x 35 cm/70 x 61 x 35 cm	72 x 66 x 37 cm	74 x 71 x 40 cm
Height (with open lid)	80 cm	85 cm	94 cm
Footprint (dimensions w/o front panel, WxD)	54 x 54 cm/70 x 54 cm	72 x 62 cm	74 x 67 cm
Weight w/o accessories	68 kg/99 kg	109 kg	139 kg
Max. power consumption	900 W/1,650 W	1,650 W	1,650 W
Tube/plate/bottle capacity			
200	200	368	
56	64	108	
6			
56	64	108	
32	36	52	
28	36	52	
100	120	196	
80	104	148	
80	84	80	
4	4	8	
4	4	4	
4	4	4	
-	4	-	
-	-	4	
16	20	28	
4	4	8	

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