

Centrifuge Family Overview



Eppendorf Microcentrifuges



Centrifuge	MiniSpin	MiniSpin™ plus	5418 R	5420	5425	5425 R	5427 R	5430	5430 R
Description	Space saving 12-place mini-centrifuge		18-place microcentrifuge	Air-cooled 24-place microcentrifuge for basic molecular biology applications	Whisper quiet 24-place standard microcentrifuge with outstanding feature set for broad range of applications, refrigerated for temperature sensitive samples or non-refrigerated		High-throughput refrigerated 48-place micro-centrifuge	Crossover microcentrifuge with multipurpose versatility	
Max. Capacity	12 × 1.5/2.0mL		18 × 1.5/2.0mL	24 × 1.5/2.0mL		10 × 5.0mL	48 × 1.5/2.0mL	48 × 1.5/2.0mL (6 × 15/50mL, 2 × MTP)	
Max. Speed (RCF)	12,100 × g	14,100 × g	16,873 × g	21,300 × g		21,300 × g	25,001 × g	30,130 × g	
Max. rpm	13,400	14,500	14,000	15,060		15,060	16,220	17,500	
Rotor Options		2	1	2		6	9	12	
Refrigerated	-	-	0°C to 40°C	-	-	-10°C to 40°C	-10°C to 40°C	-	-11°C to 40°C

Eppendorf Multipurpose Centrifuges



Centrifuge	5702	5702 R	5702 RH	5804	5804 R	5810	5810 R	5910 Ri	5920 R
Description	Low speed multipurpose centrifuge with medium capacity for clinical research and cell culture Labs			High speed multipurpose centrifuge with medium capacity		Compact multipurpose centrifuge with medium capacity		Super versatile multipurpose centrifuge with intuitive touch screen userinterface and high capacity for a broad range of consumables, refrigerated for temperature sensitive samples	High-throughput multipurpose centrifuge with very high capacity
Max. Capacity	4 × 100mL			4 × 250mL		4 × 750mL		4 × 1000mL	4 × 1000mL
Conical Tubes	20 × 15mL / 4 × 50mL			40 × 15mL / 16 × 50mL		56 × 15mL / 28 × 50mL		68 × 15mL / 36 × 50mL	108 × 15mL / 52 × 50mL
Blood Collection Tubes	36 × 13mm / 30 × 16mm			56 × 13mm / 52 × 16mm		100 × 13mm / 80 × 16mm		120 × 13mm / 104 × 16mm	196 × 13mm / 148 × 16mm
Plates	-			10 × MTP/2 × DWP		16 × MTP/4 × DWP		20 × MTP/ 4 × DWP	28 × MTP/ 8 × DWP
Max. Speed (RCF)	3,000 × g			20,913 × g		20,913 × g		22,132 × g	21,194 × g
Max. rpm	4,400			14,000		14,000		14,000	13,700
Rotor Options	6			12		18		10	9
Refrigerated	-	-9°C to 40°C	-9°C to 40°C	-	-9°C to 40°C	-	-9°C to 40°C	-11°C to 40°C	-9°C to 40°C

Technical specifications subject to change. Errors and omissions excepted.

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Centrifuge Family Overview



High-Speed Centrifuges

Ultracentrifuges

Centrifuge	CR22N	CR30NX	CP100NX, CP90NX, CP80NX	CS150FNX	CS150NX
Description	High-speed floorstanding centrifuge with high capacity, ideal for harvesting of biomass up to 6L per run. Refrigerated for temperature sensitive samples	2-in-1 high-speed floorstanding centrifuge with vacuum function, suitable for applications with super-speed requirements up to 110,000 x g. Refrigerated for temperature sensitive samples	Ultracentrifuge with a broad rotor and consumable portfolio. Three versions with shared functionality but different speed offerings are available to match your speed requirements	Floorstanding Micro-ultracentrifuge with speeds of up to 1,050,000 x g in a very compact design for Labs with Limited space availability	Benchtop Microultracentrifuge with speeds of up to 1,050,000 x g, offering a flexible placement within the Lab due to its standard electricity requirements
Capacity¹	up to 4 x 1.5L	up to 4 x 1.5L and Continuous Flow (>10L)	up to 6 x 230mL	up to 6 x 30mL	up to 6 x 30mL
Max. RCF	58,700 x g	110,000 x g	803,000 x g, 700,000 x g, 615,000 x g	1,050,000 x g	1,050,000 x g
Max. Speed	22,000rpm	30,000 rpm	100,000 rpm, 90,000 rpm, 80,000 rpm	150,000 rpm	150,000 rpm
Temperature Control Range	-20°C to 40°C			0°C to 40°C	
Footprint (WxD)	700 x 760mm / 27.5 x 30in	708 x 892mm / 27.8 x 35.1in	790 x 890mm / 31.1 x 35.0in	440 x 520mm / 17.3 x 20.5in	590 x 582mm / 23.2 x 22.9in
Height (with Open Lid)	1,510mm / 59.4in	1,500mm / 59in	925mm / 36.4in	910mm / 35.8in	408mm / 16in
Max. Noise Level	≤64 dB(A)	≤56 dB(A)	≤51 dB(A)	≤45 dB(A)	≤45 dB(A)
Display	5.7in.color touch-sensitive LCD panel	6.5in.color touch-sensitive LCD panel	6.5in.color touch-sensitive LCD panel	6.5in.color touch-sensitive LCD panel	6.5in.color touch-sensitive LCD panel
Numer of Programs	30	1000	1000	20	20
Tracking of Rotor Usage	By serial number	By serial number	By serial number	By serial number	By serial number
Interfaces	USB/LAN (optional)	USB/LAN	USB/LAN	USB/LAN (optional)	USB/LAN (optional)
Data Export	Yes	Yes	Yes	Yes	Yes
Vacuum Function	No	Yes	Yes	Yes	Yes

¹: Refers to the nominal volume. The maximum filling volume may depend on the application, rotor, and speed. Please consult with your sales representative for further details.

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