



FRONTIER™ Centrifuge Selection Guide

	Mini Centrifuge	Micro Centrifuges				
						
Model	FC5306	FC5513L	FC5513	FC5513R	FC5515	FC5515R
Description	Small but powerful mini centrifuge for simple and quick separation	Space saving, economical 18-place micro centrifuge	Standard micro centrifuge for clinical and basic molecular biology applications		High-speed micro centrifuge for a broad range of applications	
Max Capacity (mL)	8 × 1.5/2.0 mL	18 × 1.5/2.0 mL	24 × 1.5/2.0 mL	18 × 1.5/2.0 mL	44 × 1.5/2.0 mL	
Max RCF	2,000 × g	15,994 × g	17,317 × g	17,157 × g	21,953 × g	
Max RPM	6,000	14,000	13,500	14,500	15,200	
Refrigerated	—	—	—	–20 °C to 40 °C	—	
Dimensions (W × D × H)	5.9 × 6.6 × 5.0"	14 × 9.3 × 10.9"	14 × 9.3 × 10.9"	11.3 × 21.8 × 11.3"	15.5 × 11.5 × 11.3"	22.1 × 11.5 × 11.3"
Weight (lbs)	4.1	27.8	27.8	72.7	38	77
Noise	≤60 dB(A)	≤ 57 dB(A)	≤60 dB(A)	≤ 56 dB(A)	≤60 dB(A)	≤ 57 dB(A)
Rotor Options	2	1	4	3	7	
Microtube 5 mL	—	—	—	—	12	
Microtubes 1.5/2.0 mL	8	18	24		44	
Microtubes 0.5 mL	8	18	24		44	
Microtubes 0.2 mL	8	18	24		44	
8-place PCR Strips	4	—	4		4	
Spin Column 2.0 mL	—	—	24	—	24	
Hematocrit Capillaries	—	—	24	—	24	

	Multi Centrifuges	
		
Model	FC5707	FC5706
Description	Economical low-speed centrifuge with medium capacity	Compact, low-speed centrifuge with medium capacity for clinical and cell culture labs
Max Capacity Swinging-Bucket	—	6 × 5 mL
Max Capacity Fixed-Angle	8 × 15 mL	6 × 50 mL
Max RCF	4,445 × g	4,427 × g
Max RPM	6,800	6,000
Refrigerated	—	—
Dimensions (W × D × H)	14 × 9.3 × 10.9"	15.4 × 10.5 × 11.5"
Weight (lbs)	23	23
Noise	≤60 dB(A)	≤60 dB(A)
Rotor Options	2	3
Conical 50 mL	4	6
Round Bottom 50 mL	4	6
Conical 15 mL	4	12
Round Bottom 15 mL	8	12
Blood Tube 10 mL (16 mm)	—	12
Blood Tube 7 mL (13.5 mm)	8	12
Blood Tube 5 mL (13.5 mm)	8	12
Microtube 1.5/2.0 mL	8	12



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Multi Pro Centrifuges

							
Model	FC5714	FC5718	FC5718R	FC5720R	FC5816	FC5816R	FC5830R
Description	Entry-level, multipurpose high-speed centrifuge	Versatile, compact multipurpose centrifuge		High-speed multipurpose centrifuge	Medium through-put, general purpose centrifuge		Super-speed benchtop centrifuge
Max Capacity Swinging-Bucket	4 × 200 mL	4 × 200 mL		4 × 200 mL	4 × 250 mL		4 × 290 mL
Max Capacity Fixed-Angle	30 × 15 mL	6 × 85 mL		6 × 85 mL	6 × 250 mL		6 × 250 mL
Max RCF	18,624 × g	23,542 × g		38,007 × g	21,379 × g	24,325 × g	65,395 × g
Max RPM	14,000	18,000		20,000	15,000	16,000	30,000
Refrigerated	—	—	–20 °C to 40 °C	–20 °C to 40 °C	—	–20 °C to 40 °C	–20 °C to 40 °C
Dimensions (W × D × H)	19.4 × 13 × 14.2"	19.6 × 13.8 × 16.0"	28.7 × 14.1 × 16.0"	16.0 × 28.0 × 14.2"	21.2 × 14 × 17.6"	21.2 × 14 × 28.5"	28.5 × 20.4 × 16.3"
Weight (lbs)	66	95	132	157	115	170	201
Noise	≤63 dB(A)	≤60 dB(A)	≤60 dB(A)	≤60 dB(A)	≤61 dB(A)	≤63 dB(A)	≤60 dB(A)
Rotor Options	10	20		17	13		11
Bottles 750 mL	—	—		—	—		—
Conical 500 mL	—	—		—	—		—
Conical 290 mL	—	—		—	—		4
Conical 250 mL	—	—		—	—		—
Bottle 250 mL	—	—		—	6		6
Conical 200 mL	4	4		4	—		—
Round Bottom 100 mL	4	4		4	4		4
Conical 50 mL	8	10		10	16		12
Round Bottom 50 mL	6	6		6	12		12
Conical 15 mL	30	30		30	40		30
Blood Tube 13 mm	32	32		32	56		40
Blood Tube 16 mm	28	28		28	32		32
Microtube 5.0 mL	12	12		—	—		—
Microtube 1.5/2.0 mL	96	96		96	96		96
Microtiter Plates (MTP)	6	6		6	6		6
Deep Well Plates (DPW)	2	2		2	2		2
8-place PCR Strips	—	4		4	—		—

More Multi-Pro models on next page➔

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Multi Pro Centrifuges



Model	FC5916	FC5916R	FC5917RF	FC5917RF Short
Description	High-throughput, multipurpose centrifuge for ultimate versatility		Large, high-capacity refrigerated centrifuge available as a floorstanding or underbench model.	
Max Capacity Swinging-Bucket	4 × 750 mL		4 × 1 L	
Max Capacity Fixed-Angle	6 × 250 mL		4 × 500 mL	
Max RCF	24,325 × g	26,328 × g	26,361 × g	
Max RPM	16,000	16,000	16,010	
Refrigerated	—	–20 °C to 40 °C	–20 °C to 40 °C	
Dimensions (W × D × H)	26.4 × 15.4 × 21.3"	26.4 × 15.4 × 28.7"	24.4 × 27.2 × 38.6"	24.4 × 27.2 × 27.6"
Weight (lbs)	187	260	419	346
Noise	≤63 dB(A)	≤63 dB(A)	≤63 dB(A)	≤63 dB(A)
Rotor Options	14		6	
Bottles 1L	—		4	
Bottles 750 mL	4		4	
Conical 500 mL	4		4	
Conical 250 mL	4		4	
Bottle 250 mL	6		6	
Round Bottom 100 mL	12		12	
Conicals 50 mL	28		40	
Round Bottom 50 mL	28		40	
Conical 15 mL	68		96	
Blood Tube 13 mm	108		192	
Blood Tube 16 mm	72		152	
Microtube 1.5/2.0 mL	96		96	
Microtiter Plates (MTP)	12		28	
Deep Well Plates (DPW)	4		4	
8-place PCR Strips	4		—	

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